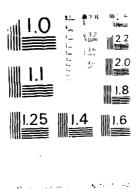
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OPERATING LOCATION - A MIC FILE COPS USAFETAC

Air Weather Service (MAC)



"LIMITED SURFACE OBSERVATIONS" CLIMATIC SUMMARY "LISUCS"

FT DRUM NY N 44 03 MSC #743700

W 075 44 ELEV 680 FT

PARTS A - F HOURS SUMMARIZED: 0600

1700

PERIOD OF RECORD:

HOURLY OBSERVATIONS: JAN 78 - APR 87

SUMMARY OF DAY DATA: MAY 44 AUG 46. MAY 70 - AUG 74,

SEF 48 - AFR 87

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ASHEVILLE, N.C. 28801 - 2723



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REVIEW AND APPROVAL STATEMENT

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN

Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

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llTitle: (LISOCS) Ft Drum NY.

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18Subject Terms: *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity paychrometric data visibility cailing Limited Surface Observations Climatic Summary(LISOCS); Ft Drum NY; Army Experimental Station, Pine Camp, NY; Wheeler Sack Field, NY; New York; USNY743700.

19Abstract: A statistical data summary of surface weather observation climatology: Ft. Drum NY. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for

20Distribution/Availability of Abstract: Same as report.

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22a Name of Responsible Individual: Marianne L. Cavanaugh

22b Telephone: (618)256-2625. 22c Office Symbol: USAFETAC/LDD.

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CALL ID: KGTE

FOURS SUMMARIZED: 06CO - 1700 LST

LIMITED SURFACE DESERVATIONS CLIMATIC SUMMARY

STATION NUMBERS 7437CU STATION NAME: FT DRUM NY

PERIOD OF AFLORD:

FULLEY SUSERVATIONS: JAN 78 - APR 67

SUMMARY OF DAY LATA: JAN 44 - AUG 48, MAY 70 - AUG 74, SEP 78 - APR 87

JIME CONVERSION IST TO GMT: +5

JATE PRODUCED: 6 AUG 67

COW GREENVATION COUNTS PREVAIL THROUGHOUT THESE SUMMARIES. IN THE EARLY 1950'S AND THE 1960'S SOME SUMMER MONTHS CONTAINED OBSERVATIONS ON A LIMITED BASIS WHICH DETRACTED MONE IN THE TOTALS AND STATISTICS THAN IN PROVIDING USEFUL SUMMARIZED DATA. THEREFORE, THESE VERY LIMITED PERIODS WERE NOT USED. NO OBSERVATIONS WERE AVAILABLE FOR THE PUPICOS OCT 74 - DLC 77 AND MAN 78 - AUG 78. FOR THE REMAINDER OF THE SUMMARIZED PERIOD THE GUNDAL PROPERTY OF THE SUMMARIZED PERIOD THE GUNDAL OCTAINS VARIED FROM 5 TO 31 DAYS PER MONTH WITH MOST COUNTS FALLING IN THE RANGE OF 18 - 21 DAYS. THE AVERAGE NUMBER OF FOURLY OBSERVATIONS REPORTED FOR THESE DAYS ARE 9 - 10. THEREFORE, ALL USERS OF THE SUMMARIT'S MUST FAMILIANIZE THEMSELVES WITH THESE STATED FACTS AND SUBSEQUENT CAVEAT PAGES.

GL-AZUSAFETACZMACZA "S ASHERILLE NO CORCI

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES -- LIVLCS

- HOURLY OBSERVATIONS: ALL RECORD ON RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 1071DA AT SCHEDULED HOURLY INTERVALS.
- SUPPLEMENTAL WATA: WATA DERIVED FORM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR HORE REPRESENTATIVE SITES AND COMMINED BY A METEOROLOGIST.
- DESCRIPTION OF SUMMARIES: PRECEEDING EACH PART OF THE RUSSHO IS A BRILE DISCUSSION OF THE SUMMARY INCULDING THE
- MARKER OF PRESENTATION.

 HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES
 THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.
- STANDARD 3-HUCK FIRE GROUPS: IN ACL SUMMARIES SHOWING BIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0400-1100, 1200-1400, 15-00-1700, 1800-2000, 2100-2300 (ST.
- FOR A DETAILED DESCRIPTION OF EACH SURMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETACITN-83-UD1, "AN AID FOR USING THE REVISED UNIFORM SURMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

TABLE OF CONTINTS

STATION FISTURY

- PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES
- PART B: SEE SUPPLEMENTAL DATA SECTION BELOW
- PART C: SURFACE WIND SUMMARIES
- PART DE CELLING VERSUS VISIBILITY AND SAY COVER SUMMARIES
- PART F: TEMPERATURE AND RELATIVE HEMIDITY SUMMARIES
- PART FI PRESSURE SUMMARIES
- SUPPLEMENTAL GATA SECTION -- SUMMARY OF DAY DATA
- A.SMSC NUMBER: THES SUBBLEE IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE AMO NUMBER AITH THE ADDITION OF A SUFFIX (O THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WHO NUMBER. A CODIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAY OR USAFCTAC NUMBERS WHICH UNIGUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.
- NUTE: THE FIRST ANG LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STAILOR HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

TATION I	O GH SUMMARY	- ION HAME		LATIT	UDE	LONGITUDE	FIELD ELEV	FT: CAL. 1	164	
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4.	Same		AAF	Mav 66	Sep 68	Same	Same	7/17 27		
5,	Same		AAF	Apr 69	Sep 69	Same	W 075 43	690 FT		1
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2	May 44	Control Tower Roof		AN/TMG		60 Ft				
3	May 62	Same		AN/GMG			1			
4	May 64	200 yds North of Statio		Ro-20-		UKN	1			
5	SEP 66	Near intersection Rnwys	26 € 3	3 GMQ-11 GMQ-11		12 Ft 13 Ft	1			
6	Apr 69	Same Same		Same	Same	13 Pt				
7	May 74									

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

MEATHER CONTILIONS SUMMERLY

- 1. A PERCENTAGE FREUERCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENUMENA AND OBSTRUCTIONS TO VISION.
- . . HATA BASEL US POURLY URSERVATIONS.
- 4. SUMMARIZIL BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY TALL YEARS COMBINEDT.

DEFINITIONS:

THUNDERSTORM: ALL PEPORTED TRUNCERSTORMS. TORNADOES AND WATERSPOUTS.

PAIN AND/OR OR LOSE: ALL REPORTED HAIN AND OR BRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PAIN ANG/OR FREEZING URIZZLE (GLAZET: ALL REPORTED FREEZING RAIN OR FREEZING BRIZZLE.

SNOW AND/OF SUILL. SNOW INCLUDING INDEPELLETS AND GRAIMS, ICE CHYSTALS AND PELLETS, AND/OR SLEET LICE PELLETS:-

HAIL - ALL BEFORTED FAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRICIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCELL THE PERCENTAGES IN THIS COLUMN.

FOG: ALL MERO RICH FOG, ICE FOG AND GROUND FOG.

SMOKE AND FOR FASE: ALL PEPORTED SMOKE, HAZE AND ANY COMPENATION THEREOF.

PERMINE SHOWS: ALL PERFORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

- FUST AND/OR DAM): ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND AND COMBINATION THEREOF.
 THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA
 VISIBLETTY LESS THAN 578 MILES (1DUD METERS).
- ALL BUSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOU THRU DUST/SAND) AND BUOMEN SPRAY. BECAUSE MURE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

- 1. A VALUE IN THE TABLES OF ".O" INDICATES LESS THAN .O'R OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE
- 2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE ABS FORMS 107107 AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHENIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDE) ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED HAIN, FOR AND SMOKE, ALL THREE WILL APPEAR ON THE ARS FORMS 10/10A, BUT ONLY THE RAIN HAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR MOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TARLES.

SECOND CELEMATOROUY BRANCH LSAFETAC AIR WEATHER SENVICE/MAC

PERCENTABLE FREQUENCY OF DECURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 7437UB STATION NAME: FT DRUM NY PERIOD OF RECORD: 79-67 SNOW 2 UBS C/OR FAIL WITH CO MAL : HTMOM TOBS RAIN FRZING TSTHS L/OR RAIN URIZZLE C/OR SHOKE DUST \$ 085 CYOR BLOWING # ITH PRECIP E/DR SAND W/0857 SLEET 085 ORIZZLE VISION 53-65 1 06-08 | . 9 5.9 3.1 \$1.5 36.6 10.6 17.2 450 09-11 (4.0 1.1 35.5 14.0 1.4 22.0 39.6 6.6 651 13.5 12-14 1 4.1 . 3 37.5 19.3 13.3 6.1 638 15-17 | 30.3 12.3 1.0 18-20 [21-23 1 TOTALS 1 32.8 . 8 STATION NUMBER: 743700 STATION NAME: FT DREM MY PERIOD OF RECORD: 79-87 MONTH: FEE RAIN TSTMS &/OR SNOW E/OR \$ UBS DUST \$ 085 8/0R W/085T HOUPS (FRZING SHOKE RAIN E/OR BLOWING FOG TOTAL E/OR DRIZZLE 10 VI510N DRIZZLE PRECIP HAZE SNOW SLEET CHAZ បមទ LC-CZ L J3-65 1 16-68 1 29.5 1.7 09-11-1 . 3 26.6 31.6 19.1 2.4 2.7 23.4 586 12-14 1 1.0 ٠, 23.6 29.9 13.4 4.2 2.4 515 15-17 1 409 10-25 1 1-73 19.9 1858 TOTALS 1 14.9 5.0 .8 33.5 2.9 2.6

GLOBAL CLIMATOLOGY BRANCE USAFETAC

TOTALS |

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PERCENTAGE FREQUENCY OF DECURRENCE OF WEATHER CONVITIONS FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC PERIOD OF RECORD: 79-67 MONTH: MAR STATION NUMBER: 7437G3 STATION NAME: FT DRUM MY DUST 1 085 E/OR W/OBST SAND 10 VISION RAIN FRZING TSTMS E/OR RAIN FAIL WITH 540# 80\3 SMOKE E/OR BLOWING a coules d RAIN E/OR F 0 6 TOTAL LRIZZLL PRECIP SLEET HAZE SNOW (LST) DRI:ZLE 60-62 1 03-65-4 66-18 1 14.3 19.2 09-11 4 16.5 25.5 16-7 594 12-14 14.7 10.7 1.7 544 8.3 . 2 22.5 1.5 14.9 24.2 10.3 1.5 2.2 434 15-17 1 18-23 1 21-23 | 14.2 1.5 1.5 16.9 1893 TOTALS 1 15.1 23.6 STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECORD: 79-87 MONTH: APR RAIN FRZING SNOW % UBS ISTMS 6/OR RAIN 6/OR HAIL WITH SMOKE DUST & OBS # OBS FOURS | (LST) | RAIN E/OR L/OR BLOWING H/0851 TOTAL 6/OR URIZZLE PRECIP 10 SLEET HAZE SNOW SAND 085 DRIZZLL VISION tu-02 | 63-65 1 66-68 [14.2 8.1 21.3 11.9 1.6 1.3 13.9 310 17.9 11.6 1.6 09-11 | 1.4 14.3 559 8.2 25.5 12-14 17.7 7.2 24.4 8.6 2.2 . 4 11.5 55 b 6.0 366 18-29 1 21-23 |

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ATION NUMBERS 1431	JA STATIO	ON NAME: RAIN EVÜR URIZZEL	FT ORUM FRZING RAIN 6/OR DRIZZLE	NY SNOW E/OR SLEET	 HAIL	% OBS WITH PRECIP	FOL	PERTOU MONTH: SMOKE EZOR HAZE	OF RECORD : AUG : BLOWING SNOW	01: 79-86 01:51 E/OR SAND	* 085 W/085T TO VISION	TOTAL OBS
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ATION NUMBERS 1437 HOURE HOURE HOURE HOURE HOURE	JA STATIO	OR NAME: RAIN E/UR URIZZEL	FT ORUM FRZING RAIN 6/OR DRIZZLE	NY SNOW E/OR SLEET	 HAIL	% OBS WITH PRECIP	FOL	PERTOU MONTH: SMOKE EZOR HAZE	OF RECORD : Aug Blowins Snow	01: 79-86 01:51 E/OR SAND	* 085 W/085T TO VISION	TOTAL OBS
#110N NUMBERS: 7437 #00#E #1513 #00#E #00#E #00#E	3° 5€41€ TSTMS	ON NAME: HAIN E/OR ORIZZEL	FT ORUM FRZING RAIN 6/OR DRIZZLE	NY SNOW E/OR SLEET	 HAIL	1 DBS WIIH PRECIP	F04	PERIOU MONTH: SMOKE E/OR HAZE	OF RECORD : Aug BLOWING SNOW	01: 79-86 01:51 E/OR SAND	* 085 W/085T TO VISION	TOTAL OBS
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF JCCURRENCE OF HEATHER CONVITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER:									PERIOD OF RECURD			
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STATION NUMBER:									PERIOD OF RECORD MONTH: OCT			
	;	•••••	RAIN	FRZING			4 4 5	• • • • • • •		fia S t	* *	
	1			URIZZLE							VISION	
00-02				• • • • • • •		• • • • • • •	••••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	•••••
J.5−6.5	1											
0 6 - 0 8	1	. 5	13.7		• 5		14.2	33.6	• 1		33.5	415
u9-11	į.		15.2		1.0	• 2	16.4	15.6	4.5		14.5	5.64
12-14	1		15.8		. 9		16.5	11.6	2.9		14.3	587
14-17	ı		11.2		. 8		11.9	10.5	1.5		11.2	260
IA-20	f											
21-23	1											
TOTALS	ŧ	. 1	14.0		. 8	- 1	14.8	17.6	2.4		14.6	1846
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •		• • • • • • •	<i></i>						• • • • • • • • • • • • • • • • • • •	

GLUDAL CEIMMICEGGE GRANCH USAFETAC AIR GEATHER SCHOLCEMAC

PERCENTAGE FREQUENCY OF DECOUPRING TO METAL LOADING PARTITION OF METAL 1001 TAYRISTED VISCON FROM FROM TO THE PROPERTY OF THE

				FT DK. M					MONTE	OF RECURD : NOV			
• • • • • • • • • • • • • • • • • • • •	1		RAIN	FRZING	< N 0 m		\$ 465		SMUKE		0.054	\$ 045	
HGURS (UST)	1	15 TMS	PHISSEF	RAIN EZOR DRIZZLE	133J2) I A 4	B44714 ■111+	Fou	E/JR HAZE	S NOW	EV JR SAND	#/CBST TG VI:10N	101A) 065
1 J-6,	1	· · · · · · ·	•••••	• • • • • • • •	••••••	• • • • • • •	••••••	• • • • • • • • •		· · · · · · · · · · ·			
	ı												
∪€ = ∪ a	1		د . ن ۱		8.6		24.0	24.0	1.4			5	2
U9-11	ı		17.7	.2	12.2		24 - 1	22.4	3. 0	٠ د		.5.4	4 7 9
1.2=14	1		16.0	.2	11.3		25.9	15.4	3.0			£9	495
15-17	i		15.5		11.7		26.4	14.5	2.4	. 4		11.5	344
10-0	I												
21-25	1												
			10.4	. 1						. 6			
CIAL 2		•••••	•••••	FT DRUM		• • • • • • •	*******	••••••	PERIOG	OF RECORD			•••••
TATION NUMEER:	7437 ₁₁)	STATI	DN NAME:	FT DRUM	4 Y				PERIOD MONTH	OF RECORD : DEC	: 76-86		
TATION NUMEER: COPY (UST)	P437u1	STATIO	RAIN EZUR URIZZEL	FT DPUM FRZING RAIN L/OR DRI/Zet	NY SNOW E/OH SLEET	HAIL	PRECIP MITH OBS	F06	PERIOG MONTH SMOKE EZGR HAZL	OF RECORD ; GEC BLOWING SNOW	: 78-86 DUST E/OR SAND	* OBS W/CBST TO VISION	TOTAL GBS
TATION NUMBER:	F43701	STATIO	RAIN EZUR URIZZEL	FT DPUM FRZING RAIN L/OR DRI/Zet	NY SNOW E/OH SLEET	HAIL	PRECIP MITH OBS	F06	PERIOG MONTH SMOKE EZGR HAZL	OF RECORD: GEC	: 78-86 DUST E/OR SAND	* OBS W/CBST TO VISION	TOTAL GBS
TATION NUMEER: # GaPS (LST)	F437u)	STATIO	RAIN EZUR URIZZEL	FT DPUM FRZING RAIN L/OR DRI/Zet	NY SNOW E/OH SLEET	HAIL	PRECIP MITH OBS	F06	PERIOG MONTH SMOKE EZGR HAZL	OF RECORD ; GEC BLOWING SNOW	: 78-86 DUST E/OR SAND	* OBS W/CBST TO VISION	TOTAL GBS
TATION NUMEER: 2 CAST)	7457w)	STAFI(RAIN EZUR URIZZEL	FT DRUM FRZING RAIN LYOR DRIZZLE	SNOW L/OH SLEET	HAIL	% OBS WITH PRECIP	F06	PERIOD MONTH SMOKE EVGR HAZL	OF RECORD ; GEC BLOWING SNOW	: 78-86 DUST E/OR SAND	\$ 085 W/CBST TO VISION	CR2
CHOOL NUMBER:	7437u1	STAFI(RAIN EZDR URIZZEE	FT DRUM FRZING RAIN E/OR DRIZZLE	SNOW L/OH SLEET	HAIL	ROBS WITH PRECIP	F06	PERIOD MONTH SMOKE EVER HAZE	OF RECORD : GEC BLOWING SNOW	: 78-86 DUST 6/08 SAND	\$ 085 W/CBST TO VISION	101aL CBS
TATION NUMEER: # GaPS (LST) # GCS. GGS.	F457 u)	STATE:	HAIN EZDR URIZZEE	FT DRUM FRZING RAIN E/OR DRIZZLE	SHOW L/OR SLEET	HAIL	ROBS WITH PRECIP	F06	PERIOD MONTH SMOKE E/GR EAZL	OF RECORD : GEC BLOWING SNOW	: 78-86 DUST 6/0k SANU	3 085 W/CBS TO VISION	101aL 685
TATION NUMBER:	F457)	STATIO	RAIN EZOR URIZZEL 13-6 6-5	FI DPUM FRZING RAIN L/OR DRIZZLE	52-4 34-J 29-1	HAIL	2 085 WITH PRECIP 42-1 42-7 36-4	21.6 19.7 15.9	PERIOD MONTH SMOKE EZGR HAZE	OF RECORD : GEC BLOWING SNOW	: 78-86 DUST L/OR SANU	2 085 W/CBST TO VISION (5.5 24.6 18.3	259 553 502
TATION NUMBER:	7457 a) i i i i i i i i i i i i i i i i i i	STATIO	RAIN EZOR URIZZEL 13-6 6-5	FI DPUM FRZING RAIN L/OR DRIZZLE	52-4 34-J 29-1	HAIL	2 085 WITH PRECIP 42-1 42-7 36-4	21.6 19.7 15.9	PERIOD MONTH SMOKE EZGR HAZE	OF RECORD: GEC BLOWING SNOW 3.9	: 78-86 DUST L/OR SANU	2 085 W/CBST TO VISION (5.5 24.6 18.3	259 553 502
TATION NUMBER: 100PS 100PS 100PS 100PS 100PS 100PS 100PS 110PS 110	F457 _w)	STATIO	RAIN EZOR URIZZEL 13-6 6-5	FI DPUM FRZING RAIN L/OR DRIZZLE	52-4 34-J 29-1	HAIL	2 085 WITH PRECIP 42-1 42-7 36-4	21.6 19.7 15.9	PERIOD MONTH SMOKE EZGR HAZE	OF RECORD: GEC BLOWING SNOW 3.9	: 78-86 DUST L/OR SANU	2 085 W/CBST TO VISION (5.5 24.6 18.3	259 553 502

USAFETAC AIR WEATEEN SERVICEZMAL

PERCENTAGE FREQUENCY OF DECUPHENCE OF WEATHER CONVITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 743765 STATION NAME: FT DRUM WY

PERIOD OF RECORD: 76-87 MONTH: ALL

•••••	FOLKS (LST)	i 1 i	TSTMS	RAIN E/OR URIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	FAIL	1 GBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING Snow	DUST 8/OR SAND	A1710W 10 MVCR21 # 087	TOTAL	
IAN	ALL	1		4.1	1.2	32.8	• • • • • • •	37.0	12.6	.8	5.7	•••••	18.9	2225	•
FEB		i		5.0	. 8	24.9		30.5	14.9	2.9	2.6		19.9	1856	
HAR		í		8.8	- 4	15.1		23.6	14.2	1.5	1.5		16.9	1893	
APP		ł	- 1	16.0		1.3		22.8	9.5	1.7	1.1		12.G	1795	
MAY		i	• b	14.2		. 3	. 1	14.6	12.4	4.2		. 1	16.3	2391	
JUN		ı	• 5	11.0				11.0	12.7	9.6		. 1	21.1	2221	
JLL		ł	. 8	7.1				7.1	9.6	13.5			22.0	2246	
AUG		i	1.3	7.4				7.4	15.5	14.3		.1	26.7	2130	
SEP		i	. 4	12.8				12.8	15.1	5.6			20.0	1755	
OCT		ł	- 1	14.0		. 8	• 1	14.8	17.6	2.4			19.6	1846	
NOV	1	ı		16.4	.1	11.0		26.4	19.0	2.8	.6		21.9	1563	
ULC	ı	ı	. 1	10.4	. t	30.2		39.5	19.0	•6	3 • 3	• 1	21.6	1626	
	TOTALS	ı	. 3	10.7	. 3	10.2	• 0	20.6	14.3	5.0	1.2	.0	19.7	23221	

SEE SUPPLEMENTAL SECTION ESUMMARY OF DAY DATAL FOR THESE SUMMARKES.

PPPP	AAA	AAA	RAHAHBAR	11111111	CC.CCC
ereee	4444	AAAA	H RK 2 H R H R R	111111111	(CCCCCC
P.P.	AA	AA	RR RR	1.1	rt cc
PF	AA	AA	hk RP	Τţ	(C
FFPFP	ĀĀ	AA	H RE4 H RR H R	1.1	()
1 1 1 1		44444	HRRRREINH	T 1	CC
		AAAAA	RH RR	1 1	((
	44	AA	6 H H H H	7 7	ec cc
	A A	AA	KR HR	1.7	1000000
	4.4	A A	BB	1.1	CCCCCC

,

SIVARIATE PESCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FOOM FULLEY BATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CACH AND VARIABLE VERSUS WIND SEELD IN RROTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SEDWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FUR EACH UTHEL TION.

WATA PPESENTÉW BY THE STANDARU 3-HOLR TIME GROUPS BY MONTH, MONTHLY AND ANNIALLY LALL YEARS COMBINEDI..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING VISIBILITY LIMITATIONS: WHEN VISIBILITIS EQUAL TO DR DREATER THAN 1/2 MILES. THE CEILINGS ARE 200 TO 1460 FEET AND/OR WHEN THE CEILING IS 100AL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".O" IN THESE TABLES INDICATES ONE OF MORE OCCURRENCES AMOUNTING TO LESS THAN .054.

USAFETAL AIR WEATERN SERVICEZMAL PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND UTHECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

TION NUMBER									HON FH:	JAN	D: 74- HOURSILST		3863
 IRECTION IDEO→LEST	1 - 3	4 -b	7-1.	11-16	17-21	D SPEED 22-27	1N KNU15	34-4 ₀	41-47	48-55	uE 56		MEAN WING
N .		2.8	2.1	• • • • • • • •		••••••			• • • • • • • •			6.6	5 . :
r. Net	• .'	1.2	1 - 4	. 2	.5							3.5	8.8
NI	• 5	. 1	. 9									2.1	5.6
'NE	•.*		. 2									•5	5.0
I	* ⁴ 3			• 2								. 1	6.1
F2E	. 9	1.9	.5	. 2								3.5	5.
ا اد	3.1	3 • 4	5.2	2.1	. 7							14.6	7.
221	• 1,	1 - 4	1.7	1.9	1 • 2							6.6	10.
5	• 5	. 1	.7	. 1	• 2							2.8	8.
55W 1	• 3	• 7	1.4	. 9								3.3	8.
Sw i	.1	. 9	2.6	2.4	. 9							1.5	10.0
165 H	. 1	. 1	1.4	. 4								3.8	7.
• !	3.1	4 • 5	4.0	3 • 1	2 • 4	• ?						17.2	B. 9
6 NH	1 • 2	2 • н	1.2	. 1	• 2							6.1	6.5
N= İ		. 1	1.7	• 5								2.8	8.
NNW I		• 2	1.4									1.7	8.
VARIABLE !	• • • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •		•••••	• • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	••••
CALH	,,,,,,,,,	/////////	,,,,,,,	,,,,,,,	,,,,,,,	1111111	,,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	16.5	,,,,,
TOTALS	13.9	22.9	26.4	13.9	6.1	• 2						100.0	6.

ULUBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS #IND SPEED USAFETAGE AIR MEATHER SERVICE/MAC FROM HOURLY OBSERVATION.

STATION NUMBER: 745755 STATION NAME: FT DRUM NY PERIOD OF RECORD: 79-67

STATION NUMBER									MONTH:	OF RECOR	U: 79- HOURS(LST		1100
114EC110H 123384U	1 - 3	4-5	7-10	11-16	17-21	D SPEED 22-27	IN ANOTS	34-40	41-41	48-55	UE 50	TOTAL	ME AN WINU
۸ ا	1.7	1.5	2.9			*****	• • • • • • • • •		•••••			6.9	
NNE	1.1	2 • P	2.0	. 5								5.5	6.3
NE	.5	. 9	. 6		• 5							2.5	7.6
E.NE	.5	• ?	.2									. 6	4.2
Ł	.6	• 8	• 2									1.5	4.3
ESE	. 6	• 2	. 8	• 2								1.7	6.0
58	٥٠٥	3 . ?	4.6	1.7	. 6	•2						12.5	7,9
5.SE	1 • 2	. 4	3.1	1.2	• 3	•2	• 2					7.1	9.2
ડ	.5	. '	1.7	. 9	. 3	. 3						4.2	10.4
554	. 3	1 - 1	.8	. 5	• 2							2.8	1.7
Sh	•2	. 9	1.4	2 . 3	• 5							5.2	11-0
wsw	.5	1 . 2	2.9	2.9	. 3							7.9	9.8
ы	1.2	3 . 2	5.1	5.9	1.5	.5						17.4	10 • 2
ANA	.9	1 • 5	2.0	1.7	• 2							6.3	8 . 2
Nw	•	1 . 8	1.4	. 3								3.7	7.1
NNW	• ?	. 9	1.7	• 5								3.2	8.0
VARIABLE		•••••	•••••	• • • • • • • •		•••••		•••••	• • • • • • • •			• • • • • • • • •	
CALM	,,,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	1111111	1111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	//////	11111111	,,,,,,,	,,,,,,,,	10.8	111111
TOTALS	12.0	21.6	31.3	19.3	4.5	1.1	• 2					100.0	7.7

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(CST): 1230-1400 STATION NUMBER: 743703 STATION NAME: FT DRUM NY

									MUNIH:	,, a L	MUUM 5 (C 5)	1: 12302	1405
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27		34-40	41-47	48-55	68 56	TUTAL	MEAN W1ND
N	2.5	3.1	3.3	. 6		•••••			• • • • • • • • •	• • • • • • •		9.1	6.2
NNE	.9	1 • 5	1.6	1.7								5.5	8.1
NE		. 6	. 3	. 2								1.1	1.1
E NE	.9		. 3									1.5	5.1
Ł	. 3											. 3	2.5
E sE		٠, ٩	. 2	. 3								1.6	5.6
SE	. 3	1 - 4	2.5	1.6	. 6							6.4	13.9
SSE	.6	1 . 7	1.3	1.3	. 3							5.2	6.1
>	. 9	. 9	1.9	. 6	. 5	. 2						4.9	9.1
5 S W	.2	. 3	. 8	1.5	. 3							2.8	11.0
2.8		• 9	1.9	1.9	. 8	. ?						5.8	10.8
w S to	. 3	2 . 2	3.9	3.1	. 8							10.3	4.6
•	1.3	2 • 2	7.7	6 • 1	1.7	. 9						19.7	10.8
wNW	.9	1.1	3.8	2.2	. 3		• 2					8.5	9.4
NW	.5	1.9	3.0	• 2								5.6	6.8
NNW	.5	2.2	1.4	. 3							٠	4.5	5.9
VARIABLE	 	 ,,,,,,,,,		······	······					 ,,,,,,,,	 ,,,,,,,,	7.5	
TOTALS	! 10.5 	20.4	33.7	21.5	5.3	1.1				• • • • • • •		100.0	8.2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC PERCENTAGE FREQUENCY OF OCCURRINCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOU OF RECORD: 79-87 MONTH: JAN HOURS(LST): 1500~1763

N ANOTS 28-33
19.0 6.4
5.5 1.3
· 6 8 . 7
.2 7.g
.2 4.0
. 6 7 - 3
6.8 8.0
5.1 8.2
4.1 8.8
3.1 9.3
4.9 7.6
.2 9.4 13.5
23.6 8.9
8.2 8.4
4.3 7.9
5.1 5.4
111111111111111111111111111111111111111
.2 100.0 7.5

GEOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DBSFRVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 19-61 HONTH: JAN HOURSILST): ALL

1635878 DIBPC110M 		4-6	7-10	11-16	#IN 17-21		IN KNOTS 28-33	34-40	41-47	46-55	UE S6	TOTAL	ME AN WING
N	1.8	2•4	2.9	. 7	• • • • • • • •						•••••	8.2	6.3
NNE	. 3	1 - 5	1.8	. 0	. 1							5.1	7.4
N.E.	• 2	. 6	.5	. 1	• 1							1.6	1.7
ENE I	-4	• ()	• 2									. 1	5.4
د ! ا	.4	. 1	• 0	٠.0								. 1	4.4
ESF	.5	. 6	. 4	. 2								1.8	5.8
32	1.5	2 • 5	3 • 6	1.6	.6	• l						9.9	6.2
SSE	. 4	1 - 4	1.6	1 • 4	. 4	• 3	• 0					6.0	9 - 1
١ ،	.5	. 9	1.5	. 6	. 4	.2						4.1	¥ • 3
SSW	• 2	. 6	1 - 1	• 8	• 1	. 3						3.0	9.2
SW	•5	. 9	1.9	1.9	. 5	٠.3						5.8	10 • 1
u S u	,5	1 • 6	2.8	2.4	. 5	• 1	•0					9.1	9.8
- i	1.9	3 - 7	6.5	5 • 1	1.6	• 5						19.5	9.8
unu l	1.0	1 . 7	2.7	1.6	. 3		• 0					7.3	8.4
ИĦ	. 3	1.5	2.0	. 4								4.2	7.3
NNW	.4	1 • 6	1.4	. 2								3.7	6.4
VARIABLE Calm	 	 ,,,,,,,,,		· · · · · · · · · · · · · · · · · · ·	 			· · · · · · · · · · · · · · · · · · ·		 ,,,,,,,,	······	12.3	
TOTALS	1 11-3	22.5	31.4	17.9	4.8	1.7	.1					100.0	7.6

GLOBAL CLIMATULUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

. N 2 - 1 2.4 t.7 . . 3 - 1 1.4 5.6 Νŧ 1.0 . 1 . 7 . 1 3.1 Ł.6 5 t+E 1.7 . 1 . 1 . 3 τ.ι . ' ŧ. 1.0 1.4 **.** . 6 ٠, 4 4.5E 1.4 $\mathcal{Z} = 1$ 2.1 5 - 6 Si 5 . H 4.5 . / 11.5 6.5 7.4 158 . ! 1.7 2.8 . 5 5.2 2.1 1.4 3.8 . 5 13.2 1.0 . 7 . 1 3.1 6.1 . 7 . 7 2.8 7.1 5 = . , 1.7 4.9 4 S # 1.4 . 3 . 3 8.5 . 3 1.4 4.9 3.1 1.0 . 3 10.8 7.0 2.4 1.7 7.3 7.1 444 1.7 1.4 4.5 Ne 1.3 1 . 4 1.7 . 5 6.0 4.4 NNE 1 . 7 . 3 3.1 VAHIABLE CALM 21.2 ////// 100.0 TOTALS 7.6 1.4 . 1 5.3

DEUDAL CLIMATICEOUY MRANCH PERCENTAGE FREGUINCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAL FROM POURLY OBSERVATIONS.

ION NUMBER									HONTHI	FER		 	
1			•••••		ı u	NO SPEED	IN KNOT	5			*******	• - • - • - • • •	• • • • •
DECREES !	1 - 5	4-6	1-10	11-ib			28-33				ાં કેઇ	T.1A.	MEA\ #1∀√
,	1	3 - 7	2.9		• , • • • • •	••••		• • • • • • •	•••••	• • • • • • • •	•••	н.ч	t.
551	• 4.	2.1	2.6	. 1									٤.
NE	• 12	1.2	1.3	. 9								1.1	٠.
ENE	• 2	• *.	. 2	• •								ι .	1.
. }	1 /	. •	. 5	• 5								2.4	٠.
ESE	1.2	. 1	, 4	٠.								. 4	٠.
31	1.4	2.4	4.9	2.4	. 4							12.3	÷.
551	1 • 4	1.7	2.4	. 1								6.41	ь.
5	• *,	. 4	. 9	1.2	.5							3. 4	٧.
15=	• *	. •	1.5	1.5								3.9	÷.
Su j	.9	1.0	1.9	. 5	. 2							4.4	1.
-54 I	.7	1.7	2.6	. 4	. 5							t . 5	٠.
-	1.4	3 . н	4.6	2.1	. 5	. 3						13.5	٠.
H4H .	• 12	1.5	1.1	• 5								4.3	ε.
NW	. !	2.2	1.7	. 5								4.1	٠.
200	1.4	1 - 7	2.2									٠. ٢	۶.
1 118A1 HAV	• • • • • • • •			•••••			• • • • • • •	• • • • • • •	• • • • • • • • •		• • • • • • • •	• • • • • • • • •	
CALM I	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1111111	////////	///////	1111111	11111111	,,,,,,,,,	,,,,,,,	///////	1111111	,,,,,,,	17.4	11111
TOTALS	14	21.6	31.1	13.6	2.6	. 5						157.0	t.

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRFCTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION VAME: FT DRUM NY

PERIOD OF MECORD: 79-97
HONTH: FEB HOURS(LST): 1200-1400

1					wIN	D SPEED	IN KNOTS						
DIRECTION	1 - 3	4-6	7-10		17-21	22-27	28-33	34-40	41-47	49-55	GE 56	TOTAL	ME A N
N 1	1.7	4.7	4.0	1.4	• 2		• • • • • • • •					12.0	6.P
NNE !	. 7	1 . 7	2.8	1.2								6.4	7.9
NE	. 7	• '•	1.0	. 3	• 2							2.8	7.+
ENI I	.9	• ¹ 3	• 2									1.6	١. ٩
ŧ			• 5	. 5								. 9	11.4
ESF	• ?	. 4	. 3	. 2								1.2	6.4
SF 1	.5	1 • 7	3.8	. 9	. 7							7.7	9.9
388	• 2	٠.	1.3	. 7	. 5							3.3	9.4
s	. 3	٠.	. 9	2.1	.5							4.7	11.0
SSW	.5	• 7	1 - 7	1.6								4.5	9.3
SH		• ?	1.6	4.0	. 3	.2						7.0	11.7
WSW	, 9	1 . 2	3 • 9	1.6		, 5						8.0	9.2
w	.5	4 - 3	6.4	4.5	. 3	• ?						16.3	8.9
HNH]	1 • 2	2 . 3	3.0	1.4								1.8	7.4
NW	.5	2 • 1	2.1	1.2								5.9	7.4
NNH	1 - 2	1.9	1.9									5.0	5.6
VARIABLE !	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •			• • • • • • •			
CALM	,,,,,,,,,	////////	///////	////////	,,,,,,,	1111111	11111111	//////	///////	,,,,,,,,	,,,,,,,,	4.7	111111
TOTALS	10.1	24.9	35.1	21.4	2.8	. 7						100.0	8.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WEND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

JERECTION IDEGREES)	1 - 3	4-6			17-21	22-> 1	IN KNOTS 28-33	34-40			- '	TOTAL	MEAN
N į	,5	2.0	3.9	1.0		• • • • • •		• • • • • • •		• • • • • • •	•••••	7.3	٩.
NNE !	1.0	2.9	2 • 4	1.0								7.3	٠.
NE .	1.5	1.0	1.0	. 5	. 5							4,4	7.
ENE !	• 2	, e,	• 2	. 5								1.5	۰.
. !		• 2	• 2		.5							1."	12.
ESE	• 2		• ?									. 5	
SE.		1 . 7	1.0	1 . 7	• 5							4.9	10.
S S E		• 2	2.2	. 7	• 2	• ?						3.7	1 - •
s		. ?	2.0	. 7	. ?							3.7	10.
SSH !	• 5	1.2	1.7	. 7								4.7	7.
Sw		1.0	3.2	1.2								5.4	٠.
wsw	.5	7 • 2	3.7	3 . 2	1.0							17.5	٠.
w .	.7	4.4	8.3	5.6	• 2	.,						19.6	٠.
HNH	1.9	2 • 4	1.7	1.2								6.4	7.
NW [2.2	2 • !	2.7	. 5								7.3	ь.
NNW	1 • 5	2 • 2	1.7	1.0								6.4	6.
VARIABLE				•••••			· · · · · · · · · · · · · · · · · · ·						
CALM //	9.8	24.7			3.2			,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	6.6 103.5	1////

PCP : SMCITAVABER OF REMUM JATOT

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER	?: 743700	STATION	. NAME:						PERIOD (FEB 1): 79- HOURSILST		L
DIRECTION .		4-6	7-10		₩IN 17-21	D SPEED	IN KNOTS 28-33		41-47	48-55	GE 56	TOTAL	PA3M Criv
N .	1.1	3.4	3.4	.8	•••••	•••••		• • • • • • •	• • • • • • • • • • • • • • • • • • •			8.8	6.8
NNE	.6	2.5	2.4	• 5								6.4	6.9
NE	1.0	. 9	1.0	. 6	• 2							3.6	7.2
E NE	.5	. 4	• 2	• 3								1.4	6.6
£	.4	• 5	. 4	• 3	. 1							1.6	7.6
ESE	.7	. 7	. 9	- 1								2.3	5.6
SE	1.1	2 . 3	3.6	1.5	•6							9.1	А. т
SSE	.5	1.1	2.0	• 6	• 2	•1						4.6	۱ . ۶
s	. 3	• 6	1.3	1 - 5	. 4							4.0	10.4
SSW	.5	٠,	1 - 3	1.2								4.0	8.5
Sw	! ! . 4	• 0	1.9	1.8	_ •2	• 1						5.2	9.6
wsw	.7	1 • 6	3.1	1.5	. 4	•2						7.5	9 . C
H	1 1.0	4.3	5 • B	3 . 7	. 4	• 2						15.3	A . 7
WNW	1.0	2 • 1	2.1	1 • 1								6.3	7.2
мы	.9	2 • 0	1.9	. 7								5.4	6.6
NNW	1 1 - 3	1.9	1.7	v.2								5.1	5 . P
VARIABLE :	l	•••••	•••••		• • • • • • • •	•••••	•••••	• • • • • • • • •		• • • • • • •	• • • • • • • •	•••••	
	<i>////////</i>					,,,,,,,,	() () () () ()	,,,,,,,	,,,,,,,,	///////	,,,,,,,		
TOTALS	12.0	26 • 1		16.5		• 6						130.0	7.1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 743703 STATION NAME: FT DRUM NY PERIOD OF RECORD: 79-87

#ONTH: MAR HOURS(LSTI: 0600-0300)

#IND SPEED IN KNOTS

#URECTION | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 6F 56 | TOTAL | MFA

	i	•••••	•••••	• • • • • • • • •	# I!	ND SPEED	IN KNOTS	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • • • • •	•••••
OIPECTION IDEGREES)		4 -6	7-10	11-16	17-21	-			41-47		GE 56	TOTAL	MEAN
N !	2.4	2 • B	3.8	1.7			•••••					10.8	6.5
NNE !	į	• 7	1.7	. 7	• 3							3.5	9.1
NE.	. 7		1.0	. 3								2.1	7.2
ENE !	. 3	1 • n	.7	. 3								2.4	6.1
E ,	 1.4											1.4	2.5
ESE !	2.4	4 • 2	1.7	. 3								9.7	5.3
SE !	1.7	6 • 3	5.9	1.7	• 3							16.1	7.4
5 S E	1.3	1.0	2.4	3.5	. 7							8.7	7.6
s	J •	. 7	.7	. 3	.7							2.4	10.9
5 S W	1.0	. 3	•3	1.0	. 3							3.1	8.3
SW	<u>!</u>	• 7	1.0	1.4								1.7	۹.8
usu i	.7	1 - 7	2.1	2.1	1.0	• 3						8.0	10.5
w !	2.1	2 • 1	1.4	3.1	. 7							9.4	8.4
u N u 1	1 1.0	• 3	.7	. 5	. 3							2 . 8	8.0
NW I	.7	. 3	. 3	. 5								1.7	6.7
NNW I	1.3	. 7	.7	. 3								2 • 8	5 • B
VARIABLE !		•••••							•••••		, .	•••••	•••••
CALM (111111111	///////		,,,,,,,,		,,,,,,,,,	///////	1111111	,,,,,,,,	,,,,,,,,	,,,,,,,,,	12.6	111111
TOTALS !	16.8	23.1	24.8	17.8	4.5	. 3						100.0	6 • 8
· · · · · · · · · · · · · · · · · · ·	: • • • • • • • • •												

GLOBAL CLIMATCLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(LST): 3900-1100

			. .										****
DIRECTION 1 (DEGREES)	1-3	4-6	7-10	11-16	w I f 17-21		IN KNOTS 28-33	34-43	41-47	48-55	GE 56	TOTAL	MEAN WIND
N İ	1.2	3 • 5	4 - 8	. 8		•••••	• • • • • • • • •	•••••		• • • • • • • •		17.4	6.6
NNE	1.0	1 • g	2.2	1.3	. 3							6.7	7.9
NE !	. 7	1.2	1.0	. 5								3.3	6.9
ENE !	.8	• 2	• 5	. 2								1.7	5.7
E į	1.0	1 • n	.5									3. 3	4.7
E S E	1 • 3	1.5	1.5	1.0								5.3	6.A
SE !	.8	3 • 0	4.0	4.3	. 3							12.5	9.1
5 SE [.8	2 . 3	1.5	2 • 5								1.2	4.4
5	.5	• 8	. 7	. 8								2.9	8 - 1
S S W	• 3	, e,	1.0	. 7	. 3	•2						1. (*)	13.7
SW I	.5	• 7	1.9	. 7	. 3	•2						4.2	4. 8
WSW	. 7	1.5	3 . 3	3.8	• 5	. ?						10.0	10.4
u į	.5	1 • 7	3.2	4.8	. 8	. 3						11.4	11.7
UNU !		• я	1.5	1.0								1. 1	1.1
NW !	.7	1.0	•2	. 5								2.1	5., ,
NNW 1	• 3	2 • 2	1 • 3	1.0								ч.я	7.4
1	•												
VARIABLE													
CALM	(1///////	/////////	////////	///////////////////////////////////////	,,,,,,,	1111111	111111111	11/1///	////////	////////	////////	7.7	/////
TOTALS !	11.2	24.5	29.0	24.0	2.1	. 9						100.n	7.9

GLUBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUINCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERTUS WIND SPEED USAFETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECORD: 79-97

									HONTH:	44K	POURSILS	1200-	1413
j		• • • • • • • • • • • • • • • • • • • •					IN KNOTS						
DIRECTION IDEGPIEST	1 - 3	4 -6	7-10			-	28-33			48-55	GE 56	TOTAL	ME AN
۸ ا		3 . 2	6.3		• • • • • • •	•••••	• • • • • • • • •			• • • • • • • •		17.4	7.
NNF	. 3	2.5	2.0	1.8	. 2							6.0	a.,
NE		. 3	. 7	1.0	• ?							2.1	9.
ENE	• 3	. 2										٠,	2.
F	.5	• 7	.5	. 3								2.0	6.
ESE	• 2	• 5	. 5	1.0								2.2	٩.
SE	.7	2 • 0	3.5	2 - 3	• 5							9.0	9.
SSE	• 3	2 • 5	1.8	2 . 3	• 2							7.2	9.
s	.5	. 7	1.8	1.7								4.7	٩.
SSH	• 3	• 5	. 7	• 5								1 - 7	٩.
SW	. 3	1.2	1.7	7 • 2	. 3	.5						6.2	17.
wsw [.5	1 - 3	1.8	4.8	. 7	. 2						9.3	11.
· i	1.0	• 4	3.5	7 • 5	1.5	. 7						15.0	12.
WNW I	.8	• 7	1.5	2 • 0	• 2							5.2	٠,
עא	. 3	• 9	3 . D	1.5								5.7	۹.
NNU	1 • 2	5 • 5	1.9	. 2								5.1	6.
VARIABLE	••••••	•••••		• • • • • • • • •		•••••		• • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • •	• . • • •
CALM	() () () () ()	,,,,,,,	11111111	,,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	///////	,,,,,,,,	,,,,,,,	6.5	,,,,,
TOTALS I	7.8	19.7	31.2	29.1	3.7	1.3						106.0	8.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VIRSUS WIND SPEED FROM HOURLY DRSCRVATIONS

PERIOD OF RECORD:

79-87

STATION NUMBER: 7437CO STATION NAME: FT DRUM 4Y

DIRECTION TOTAL **1**140 7.4 1.2 4... 1.5 13.0 N 6 - 1 3.9 3.4 3.0 ş , c NNE . 5 ΝĚ . 2 . 2 7.0 • 2 ENE . . . ? ٠, 1.2 ٠.. Ł FSE 1.7 ٠, 5 . . 4 1.0 1). 5 1.7 2.2 6.4 SE 2.C . 7 . 5 1.0 2.2 я. в 5.5F 2.4 5.4 ٠.,٠ 5 2.0 1.0 3.4 . . 9 554 2.2 • 5 4.3 • 2 1.1 2.0 1.3 .5 7.9 2.4 1.7 1.0 17.5 1 J - A 1. 4 16.9 12.4 5.4 1.2 1.5 2. 3 4.6 -2.2 . 1 1.0 NW 1 . 7 1." 2.4 1.2 NAM 2.1 VARIABLE 1.5 103.0 TOTALS 34.5 24.1 1.7 6.1

GLOHAL CLIMATOLOGY BRANCH
PERCENTAGE FREQUINCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC
FROM HOURLY ORSENVATIONS
AIR WEATHER SERVICE/MAC

TON NUMBER:		J. H. L.		_					MONTH:		HOURSILS	ri: ALL	L
I DEPLOTION I	1-3	4-6	7-10	11-16	17-51	0 SPEED 22-27	IN ANOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL 3	ме а к и 1 % (
۸ ا	1.1	3 . 4	5.4	1.0		• • • • • • •	• • • • • • • • • •	•••••	• • • • • • • •	<i></i>		11.0	7.3
NNE	.5	1.7	2.4	1.5	. 3							6.2	
NF I	. 4	• 40	. 7	• 5	- 1							2.2	7.0
FNE	.4	٠ ٠	. 3	• 1								1 - 1	
E	. 7	۰ ۹	.4	• .2								2	٠, 4
FSE	. я	1 - 3	1 - 5	. 4								4.	
SF	٠٩.	2.7	3.8	2.8	• 5							17.	٠.
387	. 6	2.0	1.9	2+6	• 2							, . ·	٠,٠
5		.,	1.3	1 . 1	. 1							1.5	٠.
558	. 4	. 3	3 - 1	• 6	.2	• 1						2.6	9.1
Sw [• 3	1 - 1	1.7	1.4	. 3	.3						f, .	1 - 1
W5W	. 5	1 + 7	2,3	4.1	.,	,,						2.4	1 .
+	1.7	1 . 4	5.5	6.2	1 - 1	•5						13.4	11.
NAM .	. 5	• "	1.4	1.5	. 1							9.3	٠.١
Nu j	. 5	1.7	1.5	. *								7.3	٠.,
NNW	, a	2.1	1.6	. 1									٠.٠
VARIABLE (• • • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • • •		• • • • • • • • • • • • • • • • • • •		
CAL"	,,,,,,,,,	11111111	11111111	11111111	,,,,,,,	1111111	,,,,,,,,	,,,,,,	,,,,,,,,		,,,,,,,	7.*	1////
TOTALS	9.3	21.7	30.5		3.5	1.1						110.3	۹.

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRFCTION VERSUS WIND SPEED FROM HOURLY 035FRVATIONS GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER	: 143700	STATION	NAME:	FT DRUM	4 4				PERIOD MONTH:	OF RECOP		87 1: 0600=:	0 8 gg
	• • • • • • • • • •	• • • • • • •	•••••			ND SPEED			• • • • • • •	• • • • • • •	• • • • • • • •	•••••	••••••
DIRECTION IDEGR:EST		4 -6	7-10		17-21	22-27			41-47	48-55	GE 56	TOTAL	MEAN
N 1	.6	1.9	4.5	1.0		•••••	•••••	• • • • • • • •	•••••			R . 1	7.4
NNE	1 - 3	1 . 9	4.2	1.9	. 3							9.7	۹٠.
NE .	• 3	2 • 1	1.3	. 6								4.5	6.9
ENF .	1.0	1 • 0										1.7	4.0
E	1 • 3		1.0									2.6	4.4
FSF	1 • •	1.7	. 6									7.9	4.7
SF	2.6	4.2	4.5	2.9								14.7	7.1
556	1.6	1.5	3.2	1.9	. 3	.3						9.0	4.6
5	• 3		1.0	. ?	• 3							1.,	10.0
SSW	. ₹	. 1	. 3	. 6								1.6	4.4
Sw	. 6	• 6	. 5	. 3	. 3	• 3						2.9	2.0
usu	1.7	3 • 5	1.9	2.6	1.0		. 3					12.6	9.5
	1 - 7	4.5	1.9	2.5		. 3						10.6	7 . R
u∧u f	1.0	1.0	1.3	. 1								1.5	6.4
NW 1	. 6	1 - 6	1.0	. 3								7 . C	5. ·
NN# 1	+ 3		1.5									1.7	6. 6
VARTABLE I	• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • •			• • • • • • • •	• • • • • • • •	
CAL™ I	,,,,,,,,,	//////////	1111111	,,,,,,,,,	111111	,,,,,,,,	11111111	///////	,,,,,,,,,	11111111	,,,,,,,,	7.4	(11111
TOTALS	15.9	27.1	30.6	15.5	2.3	1.7	. 3					100.0	1.1

GLOGAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED LSAFETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 743703 STATION VAME: FT DRUM VY

MONTH: APR HOURS(LST1: 3980-1103 STONN NI CBBSS DNIW 7-10 41-47 48-55 GE 56 MEAN 17-21 22-27 28-33 34-40 DIRECTION | 1 - 3 4 - 6 11-16 TOTAL (DEGREES) 3 . 4 2.9 2.5 10.0 1.6 1.3 NNE 3.0 9.8 1 • 4 1.4 3.6 7.1 . 7 1.4 1.4 . 7 4.3 6.8 NE . 4 . 5 1.4 ENE 2.3 4.6 . 7 Ł . 4 . 2 6.3 • 2 1.4 • 9 . 9 ESE . 5 . 4 2.7 5. 5 S٤ . 4 1.4 4.5 1.6 . 5 A . 4 9 - 1 SSE . 5 2 • 0 3.9 . 5 9.7 13.9 2.3 • 2 5 . 4 2.3 . 7 . 4 4.7 • 2 1.1 . 5 n . e 554 2 • 1 . 0 SW . 4 . 7 1.8 . 9 4.7 11.5 , 4 ٠, 5.5 . 5 . 7 10.6 11.6 4.9 . 2 4.1 2.9 . 2 • 5 . 2 12.9 9.2 HNE . 4 1 . 1 2.3 . 5 8.7 4.3 . າ 1.1 1.5 1.3 4.5 NW 7.9 NNH VARIABLE CALM 2.9 ///// TOTALS 100.0

PERIOD OF PECOPO:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED LSAFETAC FROM HOURLY OBSERVATIONS

DIRECTION (DEGREES)	1-3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-4 ₀	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	1.6	3.9	5.4	2.2	. 4	•••••		•••••		• • • • • • • •	•••••	13.3	7.9
NNE	į	1.6	2 • 2	4.3	. 4							8.4	10.2
NE	. 7	. 4	. 7	. 9								2.1	7 . 6
E NE	• 2	• 5	. 4	1.1								2 • 2	A • ₹
Ε	• ?	• 7	. 4									1.3	5.4
ESE	•2	. 9	• 5									1.6	۲. ت
38	ĺ	1 - 3	2.0	2.5		• 2						5.9	19.7
5 5 E	. 4	1 - 3	2.0	2.3	. 7	• 2						6 • F	17.6
S	.4	• °,	1.8	1.4	• 5							4.7	10+3
5.5 W	.7		1.1	. 1	• 2							2.2	17.4
SW	• 2	. 7	• 5	. 7	• 2	• 2						2 * 5	11.0
WSW	.4	1 • 1	2.5	5 • 6	1 - 4		• 2					11-1	17.0
•	.9	2.1	7.2	5.7	2 • 3	• 5	. 2					19.2	11.1
WNH	.5	. 0	1.6	1.1	• 2							4 . 3	8.9
N⊎	• 2	5 • 5	2.5	1.3	• 2							5 . 3	8.3
NNH	.5	1+6	2.0	1.6								5 . 7	8 • Ü
VANTARLE		•••••		• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • • •	******	• • • • • • • •		• • • • • • • •	•••••	
CALM	,,,,,,,,,	,,,,,,,,	///////	////////	,,,,,,,	,,,,,,,	,,,,,,,,	1111111	///////	,,,,,,,	,,,,,,,	2.0	111111
TOTALS	6.5	19.7	32.6	31.4	6.5	1.1	. 4					100.0	9.6

GLOHAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SFRVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECOPD: MONTH: APR HOURS(LST1: 1540-1785) WIND SPEED IN KNOTS TCTAL OIPECTION (DEGPES) 4 -6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 66 56 1.9 7. 1.6 5.7 NNE 4.1 7.6 1 5 • B 2.2 NE . 3 . 5 1.4 1.1 • 9 ENE . 5 . 3 . 3 1.1 1. 1 ٠.٠ E. 1.1 2.2 ٠9 . 3 . 3 ESE ٠ ۵ • 3 1.4 . . . SE . 5 1.1 3.3 1 . 4 . 3 . . SSE 1 • 1 1.9 1.9 . 3 5 1.1 3.0 1.1 . 5 4.1 1 - 1 5 S N 1.1 . 8 ٠,5 a . 6 1.7 5 W ٠, . 8 1.1 5.4 4.9 . 3 12.5 • 3 1.1 12+2 . 8 1.4 7.1 7.1 4.1 21.5 . 5 9.4 HNH 1.1 3.3 . 5 3 . f 1.4 5.3 NW 5.4 4.1 7.5 PARTABLE 1.6 ////// CALM 100.0 9,4 TOTALS 37.8 25.8

TOTAL NUMBER OF ORSERVATIONS: 1795

STATION NUMBER	P: 743703	STATION	Name:						PERIOD:	OF RECOR	HOURSILSI	M: ALI	L
DIPECTION ! (DEGREES)		4 -6	7-10			D SPEED	IN KNOTS 28-33		41-47	48-55	GF 56	TOTAL	MIAO MEWA
N	1.3	3 • D	4.5	2.0	1	• • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • •		••••••	11.0	7.A
NNE		1.4	3.0	3.5	. 3							A.Q	7.1
N.E.	.6	1.1	1.0	. 9								3.6	7.5
ENF		. 6.	.6	. 3								1.9	, , c.
E.	. 3	• 6	.1	• 1								1.7	6.
ESE	. 4	1.1	. 5	• 2								2.1	5. r
sf	.7	1 • я	3.5	2.1	• 2	. 1						3.2	4.7
SSE	.6	1 • 5	2.3	2.1	• 5	.7	. 1					7.7	19.3
5	. 4		1.9	. 9	. 4							۷.,	2.6
5.5¥		. 4	.9	• *1	. 1							2.1	1.1
Sw	. 4	. 6	.5	1.7	. 4	•1						٠.1	1 ~ • *
WSW	.5	1.	4.3	4.0	. 8	. •						11.4	11-1
u	.,	3.3	5.3	4.5	1.6	. 5	• 1					16.2	1 - • 4
HNH	.5	1 - 11	2 • 1	. 1	• 2							4.6	A . 4,
NW	, 7	1.0	1.6	. я	. 1							5 • 1	7 • 3
444	.6	1 - 3	2+1	. 1	. 1							+ • n	7 . 5,
VARIABLE	: !	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •		•••••			•••••		
CALM	1////////	/////////	1111111	11111111	11111111	//////	/////////	///////	11111111	////////	11111111	1.5	111111
101ALS	9.1	21 - 6	34.9	24.9	4 • 9	1 - 2	. 4					100.0	9.9
	·									<i></i>			

GERRAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED LYAFETAGE FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAG

GEOGRAL CELIMATOROGY BRANCE PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPECU-ESAFETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

ATION NUMBER	1: 743700	STATION	NAME:	FT ⊃RUM	4.4			IND OF RECOR	10: 79- HOURS (LS)		0300
DIPECTION (ODEGRES)		ų -5			WIND SPEED 17-21 27-; T	IN KNOTS			GE 56	TOTAL	MEAN WIND
	7.5		2.3				• • • • • • • • • •		•••••		
NNE I	1 - 7	2.3	2.1							5.5	5.6
NE I	. 6	1.2	1.4	1.2						4. !	
i			1.7	14.							P • f2
ENE 1	. 4	• 6								1 - 7	1.0
<u> </u>	• • •									• 2	4 + 12
ESE I	. 9	3.9	• 5							4 . 3	5.41
Si.	3.7	7.4	7.4	. 4						19.	5 - 1
55E J	1.9	5.1	₹•1							7.4	5 - 1
) 5	. 4	1 - 6	1.2							5 - 1	4.0
55W 1	. 4	. 6	. 4	1.8						2.0	9 . 4
Su I	.6	2.5	2.5	. 4						5.0	4.7
45a 1	1.7	7.1	4.7	2.7	. 4					11.7	А. н
•]	2+1	5 • "	3.1	1,7	. 4					12.6	1.1
WW .	.6	1 - 6	. 5	. 6						3.3	t • ti
NW (• .2		. 4							1.5	٠.۶
4N# {	• 2	1 - 4	• 2	. 2						1.9	
VARIARLE)	• • • • • • • • • • • • • • • • • • • •	•••••		•••••		•••••	•••••		•••••	• • • • • • • • • • • • • • • • • • • •	
CAL"	,,,,,,,,,	///////////////////////////////////////	,,,,,,,,	,,,,,,,,	(11111111111111111111111111111111111111	11111111111	1111111111	,,,,,,,,,,,	11111111	٥. ٩	111111
101ALS	16.1	35 . 1	2 R . 9	A . 4	. 9					100.0	r q

GLOGAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECORD: 79-85
MONTH: MAY HOURS(LST): 3989-1100

| NIND SPEED IN XNOTS
| DIRECTION | 1-3 4-5 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 55 TCTAL MEAN IDEGREES! | **■1N**U N F.A NNE 2.3 3.3 1 • 4 я, 3 7.1 1 - 3 NE . 9 1.1 0.0 7.0 ENE . 3 . 0 . 2 4.3 1.1 Ε . 3 • B 1.5 ε... ٠, ٩ ٠, ESE . 5 Ģ., p 1.6 SF 3. 3 1.7 . 5 3.8 2 . 3 r . s, 6. , 4, SSE 1.6 . 3 · . · ٠. 1 - 1 5 1.4 . 2 . 6 1.3 1.3 4.1 a. 1 SS¥ SH 1.3 1.9 2.0 5.2 9.A 13.7 9.4 3.9 17.5 4.4 1 - 1 1. 4 2.0 5.0 4. 1.3 ٠.. 1.5 NW 1.5 1.1 1.6 nnuCALM 3.6 ////// 130.0 18.4 1.7 . 3

GLOBAL CLIMATOLOGY PRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS.

AIR WEATHER SERVICE/MAC

prelon of RECORD:

100.0

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

MONTH: MAY HOURSTESTE: 1730-140 w: 4 c IDE GPIEST ■ 1 % 0 1.3 ٠.٠ 1.7 NNE 1.1 a . A 1 • 9 5.1 - 1 NE . 8 . . . 5 1.0 1.5 7.4 ENE . 5 ٠., 1.3 . 2 £. ٠, . . • 3 . ? ESE . 5 SE . 6 • 6 1.6 1.4 4. 1 ٠., SSE . 6 1 . & 2.1 4.4 7.3 5 1 . 4 • 6 • 3 . 1 5 S N 1.3 1 • 4 ι., 4. 1 . 5 • fs . 3 2.1 1.1 . 5 4.1 0.0 5.9 6.9 1.3 1 . 4 . 3 11-2 4 . 4 A . 5 1.0 6 . 6 1.1 . 5 21.9 7.9 . 2 2.2 2.9 . 5 t. _ q 7.4 Nu 1.0 i • 1 7.4 • 2 5.1 6, T NNN 1.0 1.9 2.4 1.0 VARLABLE 1.9 /////

TOTAL NUMBER OF OBSERVATIONS: 625

40.5

23.2

2.9

TOTALS

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF FECORD: 79-86
MONTH: MAY HOURS(LSTI: 1500-1789

IRECTION IDEGREES	1-3	4 -6	7-10			•	28-33				GE 56	TOTAL	ME A N U I N D
N !	1.3	3.5	6.1	1.6		••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •		12.6	7.3
NNE		1 . 6.	4.2	1.6								7.4	9.0
NE !	• 3	. 7	1.3	. 3	. 3							2.6	9.4
ENE	. 3		. 3									. 6	1 , 1
£	• 3	. 7										.6	₹. ?
ESF		a fs										.6	6 . n
SF		. 3	1.9	. 6								2.9	я "я
SSE	.6	. 6	2.3	• 3								3.9	7.5
s	.6	1.3	. 3		. 3							2.6	6.0
22#		• 6	2.3	1.3								4.7	٥, ٩
Sw		. 1	1.6	1.0	. 3							3.2	10.0
usu		1 • n	3.5	3.2	1.0							я.7	13.4
-	. 3	7 - 1	8.4	9.7		• 3						25.R	9.6
LNE I	1.5	3. "	2.6	1.3								9.0	5.9
NW	1.6	2 • 9	2.5	. 5								7.4	5.9
NNH	. 3	¿.3	. 3									2.9	5.6
VARIABLE 1	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	•••••		• • • • • • •	• • • • • • •		• • • • • •
CALM	.,,,,,,,,	,,,,,,,,	,,,,,,,	111111111	,,,,,,,	1111111	11//////	1111111	,,,,,,,,	////////	,,,,,,,,	ч.я	111111
TOTALS	7.1	26 • A	37.7	21.5	1.7	. 3						100.0	9.0

GLOWAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION	NUMBER:	743703	STATION	NAME:	FT	DRUH 4Y	

IRECTION DEGREES!		4-6	7-10	11-16	17-21	10 SPEED 22-27	IN KNOTS 28-33	34-43	41-47	48-55	GE 56	101AL	MEAN WIND
Ν	1.5	2.7	4.1	. 8			• • • • • • • • •	• • • • • • •				7.1	υ.
NNE !	, 9	2.1	3.7	1.0								7.6	7.
NE I	.1	. 9	1 . 3	1.0	. 1							4.[٩.,
ENE 1	• 3	. 4	. 3									1.0	ų.,
E.	• 3	. 3	•0									. 6	٠.
ESE	.6	1.0	• 3									1.3	¥.
SE	1 • 2	3 • 1	3 • 7	1.1								3.2	1.
SSE	1.0	2.1	2.0	. 5								د, و د	ь.
5	.5	1.3	1.0	• 1	•0							3.€	•. •
SSW !	• 3	• Я	1.2	1.3								3.6	9.4
5 N	• 2	1.1	2.1	1.2	. 2							ų . R	9.
WSW	. 6	1.6	5.2	4.6	. 7							12.7	10.0
	1 • 2	4 . 7	6.8	5 - 1	. A	• 7						19.8	۰.
UNW !	. 8	2.0	2.0	. 1								5.5	6.
N#	1.0	1.4	1.7	. 1								4.2	٤.,
NNW	. 7	1 • 4	1.3	.5								3.9	6.8
ARIABLE	•••••	•••••	•••••			•••••		•••••	•••••	• • • • • • • •		•••••	• • • • • •
ALM !	111111111	,,,,,,,,	///////	11111111	,,,,,,,	1111111	(////////	,,,,,,	///////	1111111	,,,,,,,,	4.7	/////
TOTALS	11.9	26 • A	36.7	17.9	1.9	. >						100.0	7.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM MY

PERIOD OF PECORD: 79-86 MONTH: JUN HOURS(LST): 3630-0803 WIND SPEED IN KNOTS 10 11-16 17-21 22-27 28-33 34-40 DIRECTION 4 -6 7-10 48-55 GE 56 TOTAL IDEGREES! ! M 1 M 0 2 . 1 1 • 5 . 2 NNE • 2 1 . 7 1.9 • Z 3.0 7.7 NE 1.5 1.9 7.A 6.4 ENE . 4 . 9 . 6 1.0 5.5 £ • 2 1.7 5.1 E SE 2 • 1 • 9 4.5 4 - 1 SE 4.1 5 - 1 3.4 • Z 12.8 ^{c,} • 1 SSE 1.5 1.9 3.6 7.5 6.3 2.3 1 - 3 4 . 1 4 . 1 SSW . 0 . 9 • 2 1 • q SW , 9 2 • A 2.6 . 8 7.1 5.8 44 . 8 3 . 8 7.3 3 . 2 15.2 1.9 5 . 1 4.7 2.3 13.9 HNW . 4 1.1 . 4 4.7 NW . 4 1.7 6.1 NNN 2.1 5. A VARIABLE CALM 11.6 ///// TOTALS 31.9 7.5 100.0 5.6

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND OTRECTION VERSUS WIND SPEED FROM HOLDER OBSERVATIONS

AIR MEATHER SERVICE/MAC

CRODIA IN UNIBBE STATION NUMBER: 743700 STATION NAME: FT DRUM NY 19-86 MONTH: JUN HOURS #15T1: 09Un-1100 WIND SPEED IN KNOTS 1-3 4-6 7-10 11-16 17-21 27-27 28-33 34-40 41-47 48-55 be 56 total mean DIRECTION I (DEGREES) | ì ₩ I MI N 1.1 2 • 9 2.5 . . 4.5 4.0 NNE • 2 2.8 2 . A . 3 . 3 7.+ 4 . t N E • . . 0 2.3 . 5 5.4 H . 1 ENE . 3 • 3 . 2 ŧ . 6 . я . 3 ٠, ، 1.7 ESE 2.5 1 - 2 • 2 SF 1.7 3 . 1 . 2 4.1 5.4 SSE . ? . 9 2.2 7.4 4 . A s 1.2 • 3 ₹. r ٠., 1.2 - A SSW .6 , r, 1.1 . 3 SW . 0 4.5 1.5 1 - 1 6.0 4.1 3 + 2 1 - 1 5.5 8.5 . 2 14.5 1.5 4 . 3 7.8 Ħ 5.1 . 6 2.2 1.4 4 N H . 9 . 2 NW ٠, 1.4 S. t NNW 1 . 7 1.4 6... VARIABLE CALM TOTALS 1.1 100.0 7.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

PERCENTAGE FREQUINCY OF OCCURRINGS OF SURFACE WIND SPECTION VIRGOS WIND SELECTIONS.

STATION NUMBER	R: 743701	STATICN	1 MAME :	F1 ፀድ∪¥	4 7					ACSEM TO		я 6 1 1 - 1 - г ² -	1 •
• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	•••••	•••••		n SPEED	IN KNOTS	• • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • • •
0 [P [C] [Q]	F	4 -5			17-21	22->1	28-33	34-4.,	41 97		54 56	7 T.A.,	₩ . # % ₩ £ %
N	! .9	2. '	3.5	. 5	• • • • • • • •		· · · · · · · · · ·					1.1	· · · · · · · · · · · · · · · · · · ·
NNE		8.0	3.2	1.1	. 3							6.9	
NF	, !	• •	1 + 2	• .*								. ,	• • •
E NE	! !	. ,	• 2	. 1								. '	٠.
•	1 1	• f.		• .*									٠.
F 5F		. 1											4 . s
SF	! !	. •	, 4	. ,								1.7	
< SE	. 3	1 • 4	٠,٠									1.3	7.4
5	5	1 • 1	1.5	. 8								4.*	· . ·
5.5 ±	! { !	1 • 4	2.2	1.1								4	~ , 4
SW	1-1	• H	2+6	2.5	.2							7.1	٠.,
ब ंड ब		2.1	h."	7.0	1.2							14.5	1 .4
•	. ,	1.2	11.0	7.4	. 9							24.7	1 1 1
보전보	1.1	2.4	3.7	. 1								٩. ١١	6 . C
NW	; ;	2.	. 7	. 1								3.7	F + 1
NNW	1	1 - 4	2.7									4.0	6 - 1
THRING			•••••		• • • • • • •			• • • • • •	• • • • • • • •			• • • • • • • •	
CALM	 	/////////	11111111	,,,,,,,	,,,,,,,,	//////	(11111111	1111111	(11111111	,,,,,,,,	1111111	1.5	/////
TOTALS	1 7	*4 . *	41.9	27.1	2.6							lbu•u	A . 5

PEQUENTAUS FREQUENCY OF OCCUPRINCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM FOLHLY DISSERVATION! BLUBBAL CELMATOLO ,V BRAGCH USATETAL AIR WEATHER SERVICECHAC

110 <i>-</i> դղարքն								ntatob i monfe:	J1194	HOURSILS	rri Isan-	1700
LOEURICATION I	1 ~ 5	4 -5	7 - 10	11-16	17-21 22-2	ET IN KNOT 7 - 28-33	5 34-43	41-47	48-55	GE 55	TOTAL	ME AND
* 1			2.6		• • • • • • • • • • • • •		• • • • • • • •	• • • • • • • •			6.2	۰۰۰۰۰ ۱ _۰ ۰۶
1 NNF 1	۰	4.1		1.3							2 • 1	1.4
nt I		1.,	1.6	. 5							1,0	1.5
FNF 1	•		.5	•							. •	
		,										
j	٠ ٢	. 5	• ,								. 2	٠. ٠
ESE 	.5	. '									• ^a	2.2
51 I	• 3	1 • 1	. •	. A								7.5
55) J	. •	• 5	1.7	. 5							2.3	4 • 1
· · · · · · · · · · · · · · · · · · ·	• 3	• *	2.8	. #							4 • 1	r • b
55₩ İ	1 - 7	- 1	1.6	• 5							₹ , 4	7 - 1
S •	1 - !	. н	3 . 1	2.1	. 4						7.8	9.7
454	• "	2.4	5.7	6 + 2	• 3						15.1	1 1 - 1
· !	.5	5	12.7	10.4	1.3						3 " - 1	10.1
WHW (. 9	2.1	1.0	. 3							4.4	5.5
NW 3	.5	1 • 4	. '								2.8	۶ ، ۱
1 1144 1	• 1	2.3		. •							5.4	د. • ه
VARIARLE J			• • • • • • •		• • • • • • • • • • • •	•••••			• • • • • •	• • • • • • •		
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,	11111111	,,,,,,,,	,,,,,,,,,,,,,	11/11/11/11		11111111	,,,,,,,	,,,,,,,,	2.1	111111
TOTALS }	8.3	26.02	17.3	23.8	2.1						150.0	8.1

TOTAL NUMBER OF UPSERVATIONS: THE

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FPEOUTNEY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

									MONTH:	JUN	HOURS(LS)	J: AL	ι
1		•••••			⊌ I N		IN KNOTS						••••
DEGREES) I	1 - 3	# -9	7-16	11-16	17-21	22-27	28-33	34-43	41-47	46-55	GE 56	TOTAL	MEAN U.O.O.
N !	. 9	2.3	2.1	. 3			•••••					5+2	h.
NNE	• 3	2 • t·	2.7	. 7	٠,٢							6.4	1.
NE !	• 2	1 • 2	1.6	. 3								7.1	1.
ENE	. 2	• 3	. 4	- 1								1.7	٠, •
E	. 4	• 6	.2	• 1)								1. *	٧.
ESF	1 • 4	. ?	.3									2.6	٠.
sr	1.6	2 • 5	1.5	. 1								6.3	٠.
5.5E	. 9	1.2	1.9	• 6								4,6	٠.
5	1 - 1	• 9	1.5	• 5								4.1	٠.
SSW	. 4	• 0	1.4	.5								1.5	7.
Sw j	1.1	1.3	3.2	1.7	• 1							7.5	٠.
พรพ	. 9	5 . ()	7.2	e . 6	. 5							17.1	٠.
	1 - 3	4. *	9.1	6.1	. 1							21.5	ç.
	. 9	2.2	1.6	• 2								4.0	٩.
44 }	. 5	1.1	.6	. 1								2.7	۲, •
4N# 5	• 6	1.4	1.4	. 1								3.4	6.
VARIABLE (••••••	•••••	••••	••••••			•••••	• • • • • • •			• • • • • • • • •	• • • • • • • • •	• • • • • •
CALM !	,,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	1111111	///////	,,,,,,,	,,,,,,,	////////	,,,,,,,	4.6	11111
TOTALS	12.4	27.0	37.4	17.1	1.5							130.n	7.

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 79-86

HONTH: JUL HOURS(LST): 0600-0300 STATION NUMBER: 743700 STATION NAME: FT DRUM NY

• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	 wIN	0 SPEED	IN KNOTS		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • • •
DIPECTION ODEGREES!	Ī	4 -5	7 - 10		17-21	22- <u>2</u> 7	28-33	34-43			GE 55	T C T A L %	MEAN WIND
۸	1.5	1.1	1.5			• • • • • • •	• • • • • • • • •				•••••	4.7	5,2
NNF	! ! .4	• 4	.7									1.6	5.4
NE	. ?	• 2	.5									٠٠	6.4
ENE	.4	. 4										. 7	3.5
E.	.9											. 9	2 • 4
ESE	1.5	. 7										2.7	7 + A
21	6.2	7 • 5	3.1									16.9	u , s
322	3.7	5 • t	. 9									9.7	4.1
s	1-1	• 9	• 9									2.9	4.7
5 S W	1 1 1	2.2	1.9	. 4								5.5	5.9
SW	1.1	4.2	3.5	. 1	• 2							7.7	t.7
WSW	.5	4.4	7.3	2.0								14.3	7.9
•	2.7	5 . 3	1.9	. 7								10.6	5 . 2
u Nu	.9	٠ ٩	• 5	. ?								2.6	5.1
NW	1.1	1 - 1	. 0									3.1	4.9
NNU	1.9	1 - 6	. 7	• 2								4.4	4.5
VARIABLE	· · · · · · · · · · · · · · · · · · ·					• • • • • •	• • • • • • • • •	• • • • • • •			• • • • • • •	•••••	
CALM	,,,,,,,,,	/////////	11111111	11111111	,,,,,,,	1111111	,,,,,,,,	1111111	,,,,,,,	///////	,,,,,,,	9.9	/////
TOTALS	25.0	36 • 2	24.5	4.7	۰ 2							100.0	4.9
	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •											

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ATION NUMBER:	743760	STATION	. YAME:	FT DRUM	4 A		PERIOD (86 (): 3900-:	1100
	• • • • • • •	••••••	• • • • • • • •	• • • • • • • •				• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •
DIRECTION IDEGREES!	1 - 5	4-6	7-10	11-16	#IND SPEED 17-21 22-27	28-33 34-40 28-33 34-40	41-47	48-55	GE 56	TOTAL	MERA
N I	1,9	3 • 1	1.9	. 3		••••••	•••••	• • • • • • •		7. ?	5,3
NNE	. 3	1	1.2	. 3						5 . 5	5.9
NE I	. 6	• 6	. 3	• 1						1.6	ε. • ε.
ENE	• 1	. 4								• 6	4.1
£	. 7	• 1								1.7	3.1
ESE	1 + 3	• 6	. 3							2.2	3.1
SE }	2.2	2.4	2.2							ს.9	5 . 1
SSE	1 • 3	1 - 3	. 0	• 1						3.7	5.7
S	.6	• 7	1.3							2.4	5.1
SSU	. 9	1 • 0	. ?	. ?						₹. 6	6 • E
S# [. 7	1 • 6	5.5	2.8						17.7	3.7
wsw	. 7	3 • •	7.6	7.0	. 4					19.4	3.4
· .	1.0	5 • 2	7.6	2.2						16.1	7.4
HNH	1 - 3	3 - 1	1.6							6.1	5.4
Nu i	1.0	1.5	1.6	. 3						4.6	€ • ₽
NNU	.,	3 - !)	1.9	. 4						6.1	6.1
VARIABLE		•••••	• • • • • • • • •			••••••			• • • • • • • •	• • • • • • • • •	
CWFm	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,			,,,,,,,,	,,,,,,,	,,,,,,,	4.3	,,,,,,
TOTALS ?	15.A	30.	34.5	14.6	. 4					100.0	6.7

GLUHAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC PERCENTAGE FREQUINCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF PECORO:

STATION NUMBER: 74370) STATION NAME: FT DRUM NY

HOURS (UST): 1200-1405 MONTH: JUL IND SPEED IN KNOTS MEAN 41-47 48-55 GE 56 TOTAL 17-21 22-27 28-33 34-4J DIRECTION MINO **LOEGRIEST L** 6.2 . 2 N 1.1 3.0 7.1 6.6 NNE . 3 1 . 4 . 6 . 5 1.5 5.3 . . . 2 NE . 3 4 . (.6 ENE ٠. ٢ . 2 4.5 . 6 . 2 ŧ 1.4 3.9 € 5€ 2.3 6 - 1 . 9 . 9 Sŧ 2.3 5.0 . 1 1.1 5 5 F . 3 . 5, 1.1 • 6 2.1 5 . . F . C 4.4 55# . 13 2.6 . 6 1.1 7.2 10.0 . 4 2.9 1.2 . 2 SW 19.6 10.7 459 $z \cdot c$ 6.6 A . ') 1.4 25.0 8.9 1 • 4 5.11 12.5 5.6 . 6 4.0 6.8 W New 3 . 3 3.5 . 3 6.3 6.9 3.0 2.7 . 3 Na . 3 7 - 8 6.2 NNW VARIABLE 1.7 ///// CALM 100.0 8.0

GLOGAL CLIMATOLOGY PRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND OTRECTION WERSUS WIND SPEED FROM HOLDERLY DESERVATIONS

STATION NUMBER: 143703 STATION NAME: FT DRUM NY

#IND SPEED IN KNOTS

UIRECTION | 1-3 4-5 7-10 11-16 17-21 27-37 28-33 34-40 41-47 46-55 GE 56 10141 MEAN

(OF GREEN) eraico er PECARD: (DE GREES) | . 3 N 1.9 3.0 2.2 ₹. ~ $r_i = c_i$ 1.6 1.1 7175 . 3 NF 1.1 ٠, ENE . 2 11. £ 3.0 . 3 2.5 6.1 1.4 SE 3.5 . 5, 1.1 2.0 SSE 1.3 7.9 1 - 1 1.5 . 3 5 . 3 2.5 ٠, . 2 1.1 554 2.0 3.3 1.4 1.1 9.6 • 3 SW 9.4 7.1 1.6 23.2 13.4 1 . 6 WSW 25.4 2.5 2.5 0 . A 9. 1 1.6 F . 1 4 . l 3.3 . . 9 14 9 1 - 1 6.5 6.4 2.7 2.5 , I, 6.0 1 - 1 3.8 VARIABLE 1 1.1 ////// CALM 100.0 A . 4 42.1 22.1 3.6

PERSONABLE FREWLINGY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POORLY OBSERVATIONS GLO-AL CLIMATOLOGY ARANCH AIR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECOPO: #IND SPEED IN MNOTS

UIRECTION | 1-5 4-6 7-16 11-16 17-21 20-27 20-77 20-77 17-21 22-27 28-33 34-48 41-47 49-55 GE 56 UIRECTION | TOPOPIESE | T (- T A L MEAN #1 NO 2 - 1 • . 1.5 ٠,0 4. . s. . 7 Mŧ . 4 . 1 ٠.9 INE . . . 0 4 . 1 • 2 ŧ. ٠ . 1 . 1 . 1 4.0 1.1 ESE , r, . 1 1. 1.7 1.9 SE 3.5 2 • Я . 17 1.3 4 . 7 2.0 κ, . 1.7 4 . 1 551 1 • 4 . 1 . 9 2.6 558 1.2 1.6 . 7 4.1 1.3 2.2 1.9 2.3 . 1 9.1 ٠. ٢ . 4 3.0 7.6 1.1 ٠ ٩ 9.6 1 • 4 8.0 4 . .: 18.9 9.3 4 - 7 . . 6.2 2.2 HAM 1. 2.3 6.1 • 1 5.1 5 . 2 1.9 ٠, ۵ • 3 . . 1 N 70 a 2.3 . 4 5.0 VARIABLE CALM 100.0

6.9

TOTAL NUMBER OF ORSERVATIONS:

34.4

TOTALS

GLUBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND GIRECTION VERSUS WIND SPECU USAFETAC FROM POURLY OBSERVATIONS AIR WEATHER STRVICE/MAC

STATION NUMBER: 743700 STATION VAHE: FT DRUM TY

PEPIJO OF RECORD: 79-86
MONTH: AUG HOURS(ESTI: 0600-3803

• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	NIND SPEED		• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • • • •
DIPECTION OF GPEESI		4 -6	7 - 1 0	11-16	17-21 22-17	28-33	34-40	41-47	48-55	GE 56	TOTAL	ME N.Y
N	1.9	1 • 7	- 6	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • • •			• • • • • • • •	₹.≎	4.1
NNE	. 9	1 . 7	1.3	. 4							4.7	* • 1
NE	.4	2 + 3	. 6	. ?							1.5	5.0
ENE	1+3	1.0									1.9	* • 5
Ε	1.0	• 6									1.5	3.1
ESE	3 - 1	1 - 3	1.2								ξ, , μ.	4
5E	6.9	9.4	4.6								21.7	4.7
5 5 E	3.1	4.4	2 • 1	• 2							9.0	4.0
S	J 1-3	1.2	. P								1.5	4.4
5 S W	. 9	• 6	. 4								1.7	4.4
SW	1 - 3	1.0	2 • 3	. 4							6.n	5.5
wSW	1 .5	1.3	2.9	. 6							5.4	1.2
w	7.5	4 . (*	3.9	* 2							10.6	5.5
UNW	! .6	1.7	• 6	• 2							1.1	5.7
NW	1.0	1.0	• 2								2 - 1	4.7
NNH	8.	+ fi	. 4	. 4							2.3	5.6
VARIABLE		• • • • • • • • • • • • • • • • • • • •		•••••		• • • • • • • • •	• • • • • • •		· · · · · · · ·	• • • • • • • •	• • • • • • • •	
CALM	///////// 	,,,,,,,,	///////	////////	(//////////////////////////////////////	,,,,,,,,	1111111	///////	(//////	,,,,,,,	13.9	111111
TOTALS	27.11	34.7	21.8	2.5	• • • • • • • • • • • • • • • • • • • •						100.6	ч. ч

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECORD: 19-86
HONTH: AUG HOURS(LST): J930-11C3 ₹ WIND SPEED IN KNOTS MEAN 11-16 17-21 22-27 28-33 34-40 41-47 44-55 UE 56 TOTAL DIRECTION ! 7-10 w15: ROEGREEST 1 τ 9 45 9.2 5.7 N 1 1.9 5 • 1 1.9 1.9 . 9 . 2 4 . /. 4.5 NNE 1.6 . 9 NE . 6 5.4 . 6 1 . 7 4.00 .5 . R . 5 ENE 1.7 4.1 Ł . 9 • 4 . 2 1.4 1.1 ٠, ٠., ESE 1.7 2.7 . 1 2.5 2.8 SE 3 . 2 SSF 2.5 1.0 1.3 . 1 u . ¢ s . 9 . 0 . 5 3.1 £ . · · 1 - 1 1.3 1.7 554 . 3 ۲.° 1.0 2.2 7,' . ? . 5 5.1 2.1 11. 9.4 5 . .: . 2 WSW 1.7 5.3 5.1 2.2 , . 1 2.2 5.4 1 - 1 NW 1 - 5 5.0 . 8 5.1 4.9 . 3 . s. 4 . A NNW VAHIARLE 5.7 ////// CALM TOTALS 19.0 100.0 5.9

GLOGAL CLIMATOLOGY BRANCH PERCENTAGE FREQUINCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFLIAGE FROM POURLY OBSERVATIONS

ATRIBLE SERVICE/MAC

PERIOD OF RECORD: 79-86 HONTH: AUG HOURSILST): 1705-1400 STATION NUMBER: 743703 STATION NAME: FT DRUM NY

DIRECTION (HUEGRZES) I	1 - 3	4 - 6	7~10	11-16		•	28-33	34-40			GE S6	TOTAL L	MEAN WIND
N !	1.9	4.2	3.4	1.0	• • • • • • •			••••••	• • • • • • •	• • • • • • • •		10.4	6.7
NNE !	. 7	2 • 6	2.7	. 3								5 . a	6.9
NE 1	. 3	• A	1.1	. 5								2.1	7.6
ENE	. 5											1 - 1	3.3
. !		• 5										• 5	5 • 0
ESE !	• 2	• *	. 3									1.0	6,4
SF	• ?	• 9	1.3	. 3								2.6	7.3
SSE	. 5	. 8	. 5	. 2								1.3	5.5
5	1.9	+ A	1.0	. 3								3.0	6.7
55#	.5	. 6	2.1	1 • 0								4.2	8.3
sw i	٠,٠	1.0	3.7	. 6								6.7	1.5
M 2 M	.5	2.9	1.2	4.8	. 5							13.7	9.7
• I	1.4	4.1	11.7	1.8	. 3	• 3						22.0	н. А
जयम	1.7	1 • 0	3.0	. 2								6.1	6.3
Nw I	2.2	7.1	1.9	. ?								6.0	5.4
NAM	1.7	3 . 5	1.6	. 5	• 7							6.7	6.2
VAREARLE	•		•••••	•••••	• • • • • • •	•••••	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • •	
CFLM 1	111111111	/////////	11111111	////////	//////	///////	/////////	1111111	///////	((((())	///////	4.8	111111
TOTALS 1	11.8	29 . 2	59.3	13.6	1.0	. 7						100.0	7.1

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND STREET IT NO VIOLENCE OF SURFACE WIND STREET OF THE NO VIOLENCE OF SURFACE WIND STREET OF THE NOVICE OF THE

AIR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRUM NY regards to an open to as as more than the second

1					# I P	ID SPEED	IN KNOTS	·					
IPECTION DEGREES	1-3	4-6	7-10	11-16		-	28-35				66 15	1	us ≱y u Ç N
N	3.7	4.7	4.7	. 3	• • • • • • • •	•••••	• • • • • • • • •	• • • • • • •	•••••		•••••	1.4	٠٠٠٠٠
NNE I	. 5	3 • l	3.4									7.1	٠,
NE	.6		• 6	. 5								1.5	1.
ENE j		. *	. 3										٠. •
ε ϳ		• 7										. '	ь.
E 22 1	- 3												,.
SE	• 3	• "		. 5								1.6	٤.
SSF	.6	. 1	. 9									2.2	٠.
5 1	.5	1.€	1.2	. 3								5.4	٨.
SSW	.9	1.2	.6	. 5								₹.1	٠.
SW I	٠,	1 . 6	2.5									4.7	5.
usu	• 3	. 4	7.8	₹.4	. 3							12.7	٧.
1	. 5	4.3	12.4	5.0	. 9							23.3	٠,
WNW !	2.2	4.5	2.5									9.9	5,
N9 1	1.6	2 • 6	. 9	. 3								5.6	5,
NNW [1 • 2	1.7	1 • 2	. 3								4.7	5.
VARIABLE I		•••••	•••••	• • • • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••	
CALM /	,,,,,,,,	,,,,,,,	11111111	////////	1111111	,,,,,,,	11111111	//////	(///////	1111111	///////	5.9	,,,,,
TOTALS 1	14.3	28 • 9	39.1	10.6	1.7							130.0	6.

GLOBAL CLIMATOLOGY BRANCHUSAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

HONTH: AUG HOURS (LST): A

I AIND SPEED IN KNOTS

DIRECTION | 1-3 4-6 2-10 11-14 77-17 2000 ALL 17-21 22-27 28-33 34-40 TOE GREES ! MIND N 2.2 2.4 . 4 $\xi_{i,\bullet}\cdot r_{i}$ NNE 2.2 • 2 . 6 2.1 5.7 6.4 NE . 5 1.4 . 8 . 4 1.1 ENE . 7 • 6 . 2 1.4 4.1 Ε . 5 • 5 .3 1.0 1.7 ESE 1 • 4 . 7 5.3 4. q SE 2.4 5.. 5 S E 1.8 1.2 5.1 e, ... S 1.0 1.1 1.0 . 3 . . 7 SSW 1.3 1.2 7.0 2.0 ٠5 6.5 7.3 wsw . 5 2.9 • 2 10.0 8.0 1.7 4 . A 7.9 2.6 • 3 17.4 1.9 1.7 . 1 5.2 1 - 1 5.8 1.5 2 . 3 1.0 . ì 5.0 5.0 NNW . 5 1.0 . 9 . 1 CALM TOTALS 32.0 46 - 1 100.0 6.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: STATION NUMBER: 743703 STATION NAME: FT DRUM NY FEMILUD OF RECORD: 78-86

MONTH: SEP HOURS(LST): 0600~09(8

WIND SPEE) IN WOOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-7 20-7 ME AN #146 17-21 22-27 28-33 34-40 (DEGREES) 6.7 . 5 2.1 1.2 ¢, , ¢, NNE 1.4 . 9 2.8 NE 1.4 3.7 ٠. ۾ 1 - 2 . 9 . 9 2.1 FNF • 2 6. ٤ . 7 . 2 . 2 1.7 1 , 6 4.8 ESE 1.6 2.3 . 9 4.4 SE 3.7 19.7 5 • 8 7.8 1.5 £ . 5 SSE 13.1 6. 4 2.8 5 - A 3 . 7 . 9 5 . 7 1 - 6 1.6 . 7 4.6 t. . . 5 S W . 0 . 9 . . 9 1.6 2 . 5 1 - 8 ٠2 7.3 W 5 W 2.3 3.2 8.1 1.7 3.0 1 - 2 6... 1 . 2 ٠, 2.8 5 , J 1.2 . 5 • 2 1.4 4.5 NH . 7 NYW 1.6 4.7 VARIABLE CALM 130.0

GLIGHAL CLIMATOLOGY BRANCH PERCENTAGE FREQUINCY OF OCCURRENCE OF SURFACE WIND GIFFLYTON VIRSUS WIND SPEED USAFETAC FROM HOURLY DRSFRVATIONS

ATR WEATHER SERVICE/MAC

STATION NUMBER: 143700 STATION NAME: FT DRUM NY

PER100 OF RECORD: 18-46
MONTH: SEP HOURSILSTI: 0400-1100

		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	ON I L	SPEED I			• • • • • • • •	• • • • • • •	• • • • • • •	· · · · · · · · · · · ·	• • • • • • • • • •
OIRECTION OBEGREESI		4 -6	7-10		17-21	22-21	28~33	34-43			-	TOTAL	M5 6.9 M1 NO
N	2.2	3.1	?.J		• • • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	A . 1	1,6
NNF	1 1.7	1 • 9	2.0									٠.1	1.6
NE	. 4	. 7	1 - 9									1.1	
ENE	.5	1 • 1	1 - 3									2.9	6.6
E.	. a	• 5	.1									1 • *	5.0
ESE	. 7	1 • 1	. 5									7.4	5 - 1
SE	2.4	3 • 6	3.6	• *,								17.1	5 • 1
558	1 1-1	2.4	2 • 2	. 7	• 5							6 · '	'.'
5	1.1	1 - 1	1.6	1 - 4								5	7.9
SSW		1 - 1	1.4	1 - 3	• 2							4.9	۳."
SW	i .4	1 • 1	4.5	1 - 1								7.1	£ . (
¥5#		2 • 7	6 • 3	4.0	. 1	. 4						13.7	10.4
•	1.4	2 . 9	3.1	2.4	• 7							€ • •	1.6
MMM	.9	۶.۶	1.3	1.3								6.1	7.9
NW	i .4	2.4	٠٠	. 4								4.0	6 + 3
NNW	i .7	i. *	. 7									2.7	c + 1
VARIABLE	· · . · · · · · · · · · · · · · · · · ·	•••••		•••••	• • • • • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • •				
CALM		,,,,,,,,,	11111111	11111111	(11111111	////////	,,,,,,	//////	,,,,,,,	1111111	((((())	6.3	/////
TOTALS	14.9	29.5	34.0	13.7	1.3	. 4						100.0	6.B

GLOBAL CLIMATOLOGY PRANCHUSAFETAC

PERCENTAGE FREULINCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
CONTH: SEP HOURS(LST): 1200-14FD wIND SPEED IN KNOTS 17-21 22-27 28-33 41-47 48-55 65 56 TOTAL MEAN WIND DIRECTION 7-10 11-16 34-40 TOEGREES! 1n 1 6.2 4.5 2.2 3.8 11.1 NNE . 7 1.6 2.7 . 2 5.5 5.4 2.0 NE . 4 1.1 1.3 • 4 6.€ . ? FNE 4.2 . ? • 2 . 7 • 2 1.1 ٠, ۲ ESE . ? 1. 4 . . SE . 4 3.4 5.6 1.6 1 - 1 5.51 1.1 2.2 ٠, 3.A R . t s . 9 . 5 4 . f, 2.5 9.1 • . 5 S W 1.5 4.2 6.5 1.8 ٠.. ٠, 3.8 1 . . 5.4 5 16.5 9.0 . 4 7.4 5.5 2.2 6.9 4,9 1.6 . 2 16.9 12.6 5 - 1 1.5 1.6 8.2 5.4 NW 2.4 1.8 . ", 5.1 7.0 NNE 1 . 8 2.0 • 5 5 • 2 VARIABLE CALM 3.6 ////// TOTALS 100.0 18.0 2.7 7.9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER										SEP	FOURS	{LST	1500-	-
DIRECTION ((DEGREES)	1-3	4-6	7-10	11-16	⊿I 17-21	ND SPEED 22-27	ÎN KNOTS 28-33	34-40	41-47	48-55	GĒ	56	TOTAL \$	м (д 1 1 л
N						• • • • • • • • •	• • • • • • • • •	• • • • • • •		•••••		••••	17.5	

	1	• • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •			IN KNOT		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • • • •
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	2 A - 3 3	34-40	41-47	48-55	GE 56	TOTAL T	м <u>ға</u> ц ы1мі
N	1.8	4 • 6	3.2	. 7			••••			• • • • • • •		17.5	6.3
NNE	1.4	2 • P	2 • 3									6.5	5.1
NE	.9		• 5									1.4	4.0
ENE	1 	. 5										• ^r ,	4.0
E	<u> </u>												
ESE	, 1.9											1.4	2.5
SE	İ	. 9	1.9									2.4	1.5
SSE	.5	. 9	2.8	• 5								4.5	7.5
S	1.4		2.8		. 5							4.6	7 . A
5 S W	i	• 5	3.2									3.7	A • 1
SW	į	. 9	3.2	1 - 4								5.5	9.6
# S #	!	1 • A	6.5	5.1								13.4	9.5
w	.5	2 - 3	12.4	4 • 1	1.4							20.7	9.9
MNM	1.4	2 + R	4.6	. 5	. 5							9.7	7.5
NW	1.4	2.3	.9									4.6	4.6
NNW	1.8	2.3	• 5	. 9								5.5	5.5
VARIABLE	! !	•••••	••••••	•••••		• • • • • • •	••••••	• • • • • • •	• • • • • • • • •	• • • • • • • •	•••••	• • • • • • • • • •	
CALM	1///////	////////	///////	////////	///////	,,,,,,,	///////	///:///	///////	///////	///////	4.1	/////
TOTALS	12.9	22 • 6	44.7	13.4	2.3							100.0	7.5

GLUBAL CLIMATOLUGY RRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ATR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86
MONTH: SEF HOURS(LST): ALL

DIRECTION 1 (DEGP:ES) 1		4 -6	7-10		17-21	-		34-40				TOTAL	MEAN MEAN
N	1.7	3.1	2.5	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	8.4	6.2
NNE 1	. 9	1.9	2.0	• 1								4.7	6 .0
NE J	.6	. 9	1.4	. 1								3.0	6.1
ENE	• 3	. 9	.6									1.5	د. ٥
£ 1	, •	. r,	. 3									1 • 1	٠
ESE I	1.3	1.1	. 5									2.6	4.4
SF	1.0	3.0	3.8	. 7								9.4	5.3
5.5E	1.1	2 . 6	2.5	. 1	• 1							7.1	5.6
s	. 7	1.0	2.1	• 8	• 2							4.9	H.C
55W	. 7	. 7	1.7	. 9	. 1							4.7	7.8
Sw i	.5	1.3	3.5	1.2	• 1							6.5	8.3
WSW	.6	2.2	5.9	3.8	.5	• ?						13.2	9.7
•	1.0	5 • 6	5.0	3.0	. 7	•1	- 1					12.5	9.2
שאע [1.4	2.5	1.6	i • i	. 1							6.4	6.7
Nu I	. 5	1.9	! • D	. 3								3. A	1.2
NNW I	. Я	1.5	1.0	• 5								3.5	5.6
VARIABLE !	••••••	• • • • • • • •	••••••	•••••		• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •		
CALM	////////	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	1111111	,,,,,,,,	,,,,,,,	///////	,,,,,,,	,,,,,,,	7.3	,,,,,
TOTALS 1	14.1	27.9	35.4	13.4	1.7	. 3	. 1					100.0	t.9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND UIPFCTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD: 18-86 Month: act Hours(LSI): 0600-0800 STATION NUMBER: 743707 STATION NAME: FT DRUM NY

	· • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	IN	D SPEED	IN KNOTS	· · · · · · · · · · · · · · · · · · ·			• • • • • • • •	• • • • • • • • • •	
DIRECTION I		4 ~6	7-10	11-16	17-21	22-27	28~33	34-40	41-47	48-55	65 56	TOTAL	MEAN WIND
N	1.7	1.9	2.2	.5			•••••					6.7	5.8
NNE I	• 2	• E.	.7									1 - 4	5,5
NE	.5	. 7	. 7	• 5								2.4	7.1
ENE	.7	• 2										1.7	2.5
£	.5	• 2										. 7	₹.0
ESE	2.9	1 • 9	1.2									6.0	4.,7
sc	4.1	6 • 3	8.9	• 5	• 2							2ñ•r	6.2
sse	2 • 1	2.2	4.3	. 5	• 2							9.4	7 - 1
5	2.4	1 • 4	1.9	1 • 2	• 2							7.2	6.5
ss⊭	1.2	1.9	1.7									4.4	5.6
SW	1+7	• 7	1.4	1.7								5 • 1	7.7
พรพ	.7	. 7	1.9	• 2								3.6	6.9
u u	1.9	1.7	2 • 4	1 • 7								7.2	7.9
พพพ	.7	1.2	1.0	• 2								3.1	6.2
NW	1.2	1.4	1.0	• 2								1.9	5 • 1
NNW	.2	• e,										. 7	3.7
VARIABLE		•••••		• • • • • • • • • • • • • • • • • • • •		• • • • • • •	•••••	• • • • • • •	• • • • • • • •		•••••	• • • • • • • • • •	
CALM	,,,,,,,,,	,,,,,,,,,	///////	11111111	1111111	1111111	,,,,,,,,,	,,,,,,,,,	11111111	//////////////////////////////////////	,,,,,,,,	19-1	******
TOTALS	21.0	23.6	29.4	7.2	. 7							130.0	5.1

ULOGAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAG FROM HOURLY OBSERVATIONS.

PEDIOU OF RECOPU: 18-55

STATION NUMBER: 143700 STATION NAME: FT DRUM WY

	• • • • • • • • •			••••		0 50553	IN KNOTS						
IRECTION DEGRIEST	1~3	4 ~6			17-21	22-27	28-33	34-43		49-55	GE 56	TOTAL \$	MEAN MINC
N 1	2.1	1.4	2.7	. 7		•••••	•••••					6.8	ε.,
NNE I	• 2	1.0	2.4	• 2								٩.7	1.
NE I	. 1	1.9	1.0									3.6	٠.
ENE	• 3	. 2										٠٠,	<i>t</i> .
. !	.9	. 9	• 2									1.,	3.
ESF 1	. 9	1.0	. 5	• 2								3.4	4.
SE I	2 • 1	5 • B	7.5	. 9	• 2							16.4	6.
SSE	1.7	2 • 6	2.4	. 9								7.5	£.
5 (1.4	1.9	1.7	. 7	. 2							5 . a	7.
SSW 1	.5	1.0	1.7	1 • 9	• 2							5.3	٥,
SW !	. 3	, 9	2.1	2.9	.2							5. 7	17.
NSH 1	. 3	• 4	3.1	2 • 2	. 7							6.5	$i \gamma$.
¥ .	.5	2 • 7	4.1	2 • 1	. 3	• 2						9.4	۹.
ו שמש	1.0	1.0	1.2	1.0								4.*	7.
NW E	1.2	٠ ،	2 • 2	. 9								5.1	7.
1 HWW	• 3	1.ប	1.5	. 2								3.1	6.
I 3J9AIRAV	•		• • • • • • •	• • • • • • • •		• • • • • • • •	•••••			• • • • • • •	••••••		
CALM 1	111111111	,,,,,,,	(///////	///////////////////////////////////////	11/1////	,,,,,,,	////////	,,,,,,,	.,,,,,,,,	,,,,,,,,	,,,,,,,,,,	9.9	/////
TOTALS !	14.4	25 - 0	34.4	14.6	1.7	.,						100.0	6.

GLOHAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREUL OF OF OCCURRENCE OF SURFACE WIND DIFFICTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-85 MONTH: nCT HOURS(LSTH: 125/1414)...

IPECTION DEGPES)	1 - 3	4 -6	7-10	11-16		22-27	IN KNOTS		41-47	48-55	6F 56	TOTAL	M5,8% #15.
N į	2.7	9 - 3	5.3	. 5	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •			12.1	· · · · · · · · · · · · · · · · · · ·
NNE	1.4	1.0	2.4	. 5								5.,	
NE	• ?	. 9	.7									1.7	
THE		. 7	. 3									1. "	
£.	• 3	. 2										• *	٠.
ESE	• 5	1.5	1.4	• 6								£	٠.
\$E	.9	1.4	3.6	e •								6.46	:
SSE		1 - 4	2.4	. 7								4.4	ч.
s	1 + 2	. 1	2.2	1.0	. 3							9.1	- •
SSW	• ?	. 7	1.9	1.9	. 3							4.4	f · .
SW	.5	1.4	1.4	2 • 2	. 3							۴, ۵	٥.;
wsw	. 7	2 - 2	3.6	5.2	. 7	. 7						11.1	1, .
- }	1 • 4	4 . 5	8.2	5.3	1.2	• 2						21.7	÷.,
WNW	. >	1.7	1.9	. 7								5 • 1	4.9
NW j	. 5	1.	1.0	• 2								3.5	6.
NAW	. 7	1 - 2	1.3	. 3								3.0	6.1
VARIABLE 	•••••												
ţ								,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,,		
TOTALS !	11.2	25 • 17	57.1	17.5	2.9	. 7						100.0	7.1

DESCENTAGE FREDERING OF OCCURRENCE OF SURFACE WIND DIFFECTION VERSUS WIND SPEED USAFETAC FROM HOURLY ORSERVATIONS

AIR WEATHER SERVICE/MAC

TER MURC TE : SMAR NO LIATS CUTEPT : PERMUN NO LATE

PERIOD OF RECORD: 18-85
MONTH: OCT HOURS(LST): 1587-1783

		• • • • • • • • • • • • • • • • • • • •					• • • • • • • • • • • • • • • • • • • •				• • • • • • • •	•••••	• • • • • • • • • • • • •
DIRECTION (DEGREES)		4 -6	7-10	11-16	17-21	27-27	IN KNOTS 28-34	3 4 - 4 J	41-47	4 A - 5 S	GE 56	TOTAL	MEAN WING
N	1.5	4.6	5.4	• • • • • • • • •		•••••	• • • • • • • • • •			• • • • • • •	• • • • • • •	11.5	6.1
NNE	1.5	1.2	1.5	. 4								f. • t	f.q
NE		2 - 1	. 4									*•1	· . *
E.NE	! !												
t	. A		. 4									1.,	4.0
15.3	1]	. 4	٠٩	. 4								1.	7.7
51	! !	1 - "	2.1	. 4								¢. • · · ·	1.4
1.5E	.4	2.3	۲.4									6.5	1.7
\$. я	۰, ۵	. 8	. 9	. 4							3.5	8 . T
5 5 W	! !	1 - 2	2.3	. 4								3.4	F + 1
SW	. я	1.1	2.1	1 - 2	. 4	. 4						r . a	£ . ·
W S w	1.2	4 - 5	۲.1	2.1	. 4							٩.٩	6 . A
w	1.5	5 • 7	д,я	r,	1.7							22.1	ч. в
WNW	.9	1.9	2 - 1	1 + 2								6.7	7.1
NW	. 4	1 - "	. 4									2.1	5.6
NNN	1.2	i • 1		. 4								4.2	5.0
VARTABLE	· · · · · · · · · · · · · · · · · · ·	•••••	••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • •			• • • • • • • • •	•••••	
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	11/////	1111111	11/1/1/	1111111	,,,,,,,,	//////	,,,,,,,,	(//////	,,,,,,,	t.a	111111
FOTALS	10.ª	31 - 3	37.7	1 7 • 1	2.1	. 4						100.0	7.3
		• • • • • • • •											

GLOHAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER:	743700	STATION	NAME:	FT DRUM	N Y				PERLOU HONTH:	OF RECOR	D: 78 HOURS(LS	-96 T): AL	L
· · · · · · · · · · · · · · · · · · ·	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •		NU 2666	IN KNOTS		•••••	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •
DIRECTION OFGREEST	1 = 3	4 ~6	7-10	11~16			28-33		41-47	48-55	GE 56	TOTAL	#1#D #E##
N [1.0	2.9	3.9	. 5		• • • • • • • •	• • • • • • • •			• • • • • • • •		9.0	6.1
NNE	• R	. 9	2.2	. 5								4 - 1	6.4
NE]	. 4	1 • 4	. 8	• 1								2.1	5 • P
ENE	• 3	• 3	. 1									. 7	4.1
E i	. 6	. 4	. 1									1.1	7.6
EZE	1 - 1	1 • 6	1 • D	. 2								3.4	٠.,
SE	1.8	3.9	5.9	. 8	. 1							12.5	5.7
SSE	.9	2 • 1	3 • 0	. 6	- 1							1.5	7.1
s	1.5	1.1	1.8	.9	. 3							5.6	1.4
SSW	. 5	1 • 1	1.8	1.2	• 2							9.9	ρ.7
SW	. 7	1 • 4	1 • 9	2.2	• 2	. 1						6	9.4
w.sw	. 7	1 . 2	3.0	2.2	• 5	. 2						7.7	9.9
h }	1 - 1	3.5	5.7	3,4	. 7	. 1						14.5	Р. 9
#N# 1	. 9	1 - 4	1.5	. 8								4.6	6.9
NW	. 9	1. 4	1.4	. 4								3.9	5.4
NNW \$. 5	1 • 2	. 8	. ?								2.8	6.1
VARIABLE 1		•••••	•••••	•••••			. .	· • • • • • • •			• • • • • • •	• • • • • • • • •	
CALM /	,,,,,,,,,	,,,,,,,,	,,,,,,,	11111111	,,,,,,	1111111	///////////////////////////////////////	(11111)	(()(()()	,,,,,,,,	,,,,,,,	9.4	11/11/1
TOTALS 1	14.4	25 • 1	34.6	13.7	2.0	. 4						100.0	ь.я

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREWLINGY OF OCCURRANCE OF SURFACE WIND STREETION VERSUS WIND SPEED USAFETAGE. ATR WEATHER SERVICE/MAC

								MONTH:	PERIOC OF RECORD: 74-85 MONTH: NOV HOURS(LST): 0600-0350				
I DIRECTION	1 - 3	WIND SPEED IN KNOTS											
(DEGR <u>ie</u> s) (1 - 3	4-6	1-10			•					<u> </u>	1 (T #1 %	# 1 % *
N	.5	4 - 1	2.7	. 5				• • • • • • •	• • • • • • •			7.7	* . *
NNE I	1.4	. 9	•5									7.1	٠.
NE .	. 9	• 9	. 9									2.1	٠.
ENE 1		• •										. •	٠.
ε ί	•5	• •	•5									1.9	٠.
E.S.E.	1.4	2 • 3		. 5								4.1	٠.
SE !	2.3	5 • 17	8.1	2. 1								11.6	7.
SSE 1	.5	. 9	3.2	1 • 4								£ , 4	٠.
s	1.8	1 • F	1.9									5.4	٠.
SSW	.5	1 - 4	. 9	• 5								1. 1	6.
S M !		. 9	2.3		•5							3.6	٠.
WSW 1	. 9		1.4	2 • 3								4.5	1:.
-	.5	3 - 6	3.2	3 • 2	.5							10.0	۰.
HNH }		2 • 7	2 • 7	1 • 8								7.2	٩.
Nul I	1.4	3 • 2	.9	• 5								F, • 9	٠.
Nw I	.5	• 9	1.4									2.7	7.
VARIABLE !	• • • • • • •	••••••	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • • • •	•••••	••••••			• • • • • • • • •	• • • • •
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,	///////	11111111	,,,,,,,	1111111	,,,,,,,,	1111111	///////	,,,,,,,	,,,,,,,	13.1	11111
TOTALS	12.7	30.7	30 - 3	12.7	.9							100.0	ь.

PERCENTAGE FREQUINCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED.

TION NUMBER									PERIOL (NOV	HOURSTEST	46 1: 0900-	1100
ı					₫ I	ND SPEED	IN KNOTS	•					
DIRECTION TOFGREES 1						-			41-47		GE 56	1	MEAN WIND
۸ !	1.9	3.2	3.4	1.0								9.4	6.
NNE !	1 • 2	1 • 2	. 4	• 2								3.0	٧.
NE	. 4	1 + 2	1.2									2.5	6.
ENE	. 6	. 4	. 8									i . s	5.
E ;	. 4	• A	• 5									1.4	4.
T SE	.6	1 • g	1.8	• 6								4.8	6.
SE	1.6	4 • 6	4.6	3 . 6	• 2							14.7	7.
551	1 • 2	3 • 2	3 • 0	1.6								9.0	7.
s j	1.6	1 • 4	1.6	. 6	. 4							5.6	7.
55W 1	. 9	• 6	1.6	1 • 2								4.4	۹.
Sw	• 2	• 6	. 8	1 • 8	. 4							3 • 9	10.
HSH	.7	. 6	1.6	2.4	. 8							5.6	11.
ų į	, R	1.0	3.0	4.2	1 • 4							10.4	10.
UNU I		3.6	1.6	1.8	. 4							6.4	۰.
NW İ	1.0	i • 8	1.6	1.4	•?							6.0	7.
NNW I	, A	- 9	2.0	. 4								4.0	6.
VARIAPLE !	• • • • • • • •	•••••	•••••			• • • • • • • •	•••••		• • • • • • • • •		•••••	•••••	• • • • •
CALM	,,,,,,,,,	,,,,,,,,	,,,,,,,	11111111	,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	6.6	,,,,,
TOTALS	13.3	26.1	29.3	20.9	3 - 9							100.0	7.

GLOBAL CLIMATOLOGY BRANCH
DSAFETAC
AIR MEATHER SETAICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIPECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOU OF PECORD: 78-86 STATION NUMBER: 743700 STATION NAME: FT DRUM NY

IRECTION DEGREES 1	1 - 3	4 -6	7-10		17-21	-	28-33	34-40	41-47			TG TAL	MEAN WIND
N	1.0	4.4	2.5	.6	• • • • • •	• • • • • • • • •	• • • • • • • • •			• • • • • • •	••••••	8.7	····
NNE !	.8	1 . 8	1.0									3.4	r, .
NE !	. 4	1 • 4	. 4									2.2	c, .
ENE	1.0	• 8	•2	• 2								2.2	4.
E	. 4	. 4	•2									1.0	5.1
ESE	. 4	2 • 6	1.4	• 2								4.6	5.9
SE	.8	3.4	4.4	2 • 2	• 2							11.1	7.
SSE	. 8	1 - 4	2.8	. 4	.8							6.3	A •
5	.6	1.2	1.6	. 4	. 8	• ?						4.9	9.
SSW		• 2	. 9	. 6	. 4							2.7	12.
SH I	. 4	1 . 4	1.4	3.6	1.0							7.9	11-
WSW	• 4	. 4	1.6	2 • 4	1.4	.4						6.7	12.
u i	• 7	3 • 8	4 • 2	5.9	1.8							16.0	10.
WNW İ	1 • 2	1 • 0	2.2	1 • 6								6 • 1	8.
NW I	.4	1 • 8	3.6	1.3								6.9	7.
1 NAN	.6	2 • 0	2.0	1 • 0								5.7	7.
VARIABLE	• • • • • • • •	••••••	•••••	•••••	• • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	•••••	•••••	•••••
CALM !	,,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	11111111	,,,,,,,	,,,,,,,	4.2	////
TOTALS	9.5	28.3	30.7	20.2	6.5	• 5						100.0	8.

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT ORCH YY

PERIOD OF RECORD: 78-86 MONTH: NOV HOURS(LST): 1500-1700

IPECTION I	1 - 3	4 -5	7-10	11-16	17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	ME AN WIND
N !	3.2	3 • 4	1.7	. 3		• • • • • • • •	• • • • • • • •	,	• • • • • • •		••••••	8.6	4.
NNE	.6	9	1.1	. 6								5.2	6.
NF]	1.4	٠,	.6									2.9	3.
INE	. 3	. 3										. 6	4.
+ }		. 6										. 6	5.
158	٠, ٢	1 - 7	1 - 1									3.4	5.
Sr }	1.7	2 • 1	3.7	1.4								9.2	6.
151	1 - 1	2 • C	7.6	1.1	. 3							1.2	7.
\$		1 - 4	1.7	. 6	. 9	. 9						5.4	12.
<5#	. 6	. 6	.6	٠,								2.5	7.
5 M	. :	1 . 7	2.3	1.7	.6							6.6	9.
#5#	.6	1.4	1 - 7	2.6	. 9							7.2	13.
- [2.9	3 . 7	3.2	6.3	1.4							17.5	Э.
	1 + 1	2.0	1 - 7	٠,٥	. 3							6.0	7.
NW !	۰,	1.9	2.9	1.4	• 3	. 1						7.2	9.
NNW I	. 9	1.1	1.4	1.1								4 - 6	7.
VAPIABLE 	·												,
i								,,,,,,,	,,,,,,,,	((()))))	,,,,,,,,		11111
TOTALS !	16.0	27 • °	26.4	19.7	4.6	1.1						100.0	7.

PERCENTAGE FREQUENCY OF OCCURRINCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED. FROM HOURLY OBSERVATIONS

PEDICO OF RECORD: 18-86
MONTH: NOV HOURSELSTI: ALL STATION NUMBER: 743703 STATION NAME: FT DRUM NY

									MONTH:	40 K	POURS ILS	7): AL	L
• • • • • • • • • • • • • • • • • • • •			•••••	•••••	WIN	O SPEED	IN KNOT		• • • • • • • •				••••••
DIPECTION (DEGREES)		4 -6	7-10	11-16	17-21	22-21	28-33	34-40	41-47	48-55	GE 56	1614U \$	MEAN WIME
N	1.7	3 • B	2.7	. 6			• • • • • • • •				•••••	8.8	f.1
NNF	1.0	1 - 7	. 8	• 2								3.4	5.2
NE	.7	1.2	. 8									2.6	S
ENE	.6	• 6	. 3	. 1								1 • *,	5.1
£	. 5	• 6	.2									1.2	6.0
E SE	.6	2 • 1	1 - 3	. 3								4.4	5 . r
SE	1.5	3 • ₽	4.9	2.5	. 1							17.7	1,5
5 S E	1.0	2.0	2.9	1.1	. 3							7. *	1.0
\$	1.0	1 • 4	1.7	. 4	. 6	. 3						r.,3	ь . µ
SSW	.4	• ^	1.0	. 8	. 1							7.1	e . 6
SW	. 3	1 • 2	1.5	2.1	. 6							5.7	10.5
WSW	.4	• 6	1.6	2.4	. 9	. 1						5.1	11+4.
w	1.3	2.9	3.5	5 • 1	1.4							13.6	10.7
W N W	.6	2 • 8	2.0	1.5	• 2							5.3	A . 4
NW	.8	6 • 1	2 • 4	1.2	. 1	•1						6.5	7.9
NNH	. 7	1 • 3	1.9	. 7								4.5	7.1
VARIABLE	· · · · · · · · · · · · · · · · · · ·	•••••	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •			• • • • • • • •		
CALM	,,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	///////	,,,,,,,,		1111111	///////	,,,,,,,,	6.5	111111
TOTALS	l l 12.6	27 • 1	29.2	19.1	4.4	.4						10m.n	7.6
·	i												

PERCENTAGE FREQUINCY OF OCCUPRINCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUREY OBSERVATIONS

#IND SPEED IN KNOTS

DIPECTION | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-3 | 3-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3-5 | 1-3 DIFECTION | TOEGREEST | ■ 1 % f N . 4 . 4 1.2 . 4 ٠.٠ NNF 1.0 2.3 4.1 4. 4 NE . 4 • H 1... ENE . 4 1 - 1 E . 8 . 4 1.0 1.0 ESE . 9 1.5 1.1 4 . /. SE 5.0 3.1 3 • 5 3.5 1.5 5 S E 1.5 1 • 2 2.3 2.3 S 1.9 1.9 . 4 1.2 t. . ų s, r, 5 S W 1 - 2 ٠9 • 8 9.7 1.2 . 8 5.6 4.6 1 - 2 4.6 А.Я . 9 3.9 4.2 4.6 1.5 15.1 10.5 1.2 2.3 1.5 . 4 7.3 7. 2 1.5 1.5 • B • 8 5.0 1.3 NNN 1.6 VARIABLE CALM 15.4 ///// TOTALS 25.1 17.9 21.2 1.9 . 4 . 4 100 · P 6.7

UEDGAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

#IND SPEED IN KNOTS

#IND SPEED IN KNOTS

#IND SPEED IN KNOTS DIRECTION | IDEGREEST 1 MING 1.1 1.1 3.3 4.6 2.0 . 4 NNI 1.6 . 7 4.7 7.5 NE 2.9 . 4 1 - 1 1.4 6.3 . 7 ENE . 4 . 4 ٠, Ł . 4 • 2 . , ESE 1 - 1 2 . 5 . 9 4.7 SE 2 • 2 4.5 3.4 5 S E 1 - 1 2 . 5 3.4 3.1 10.7 ٠, 1.6 3.4 5.4 1 . 3 1.1 4.4 . 7 1.3 1.4 3 · 1 . 2 9.8 5.7 2.4 1.8 10.7 1 + 1 2 . 5 3 - 6 2.9 17.P 11.3 . 2 3.3 WNW 1.1 1.1 . 7 5.3 3.9 2.2 4 . 5 NW • 2 1.1 . 5 9.0 NNE 1.1 3.1 7.4 VARIABLE CALM 19.5 ///// 21.7 . 2 100.0 4.65 6.7 A . O

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER	2: 743703	STATION	SHAR:	FT DRUM	¥ Y				PERIOD MONTH:	DEC 1	D: 7A- HOURSILST		1400
• • • • • • • • • • • • • • • • • • • •		•••••	••••	,		IND SPEED		• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • • • •
OIRECTION (OEGREES)		4 -5	7-10	11-16	17-21		28-33		41-47	48-55	GE 56	TOTAL	ΜΕΛΝ W190
N (2.3	2.4	2.4							• • • • • • • •		7.0	۲. ۲
NNE	1.0	1 • ?	2.6	. 6								5.4	5.9
Nξ	•2	1 • 4	.8									2.4	5. p
ENE	. 6	. 4										1.0	3.7
Ę.]	• 6	•2									• ⁿ	6.3
E S E	.4	. 4	• 6	• 2	• 2	?						1.6	7.9
SE 1	.6	2 • 9	4.6	1 • 6	• 2	2						9.8	9.0
SSE	• 2	1 . 2	1-6	1.6		•5						4.2	۷.5
S	. 9	1.7	1.0	1 - 6	• 6	4						4.9	9.6
25W [.4	5 - 1	1.8	. 6	. 6	9						4,5	9.9
SW I	.7	1 • 4	2.4	3 + 2	. 6	6						7.8	13.5
N S W	} .u	1.4	2 • 2	3.0	1.0	4 .4	• 2					9 • (1	12.2
•	1 • 2	3 - 6	5.A	5 • 8	3.0	ר						Id'i	11.0
พ.พ.พ. 	.6	1.6	3.6	2.2	• ?	2 .4						я.6	9.8
NW	, s	1 • 4	5+1	1.6	٠٠							5.6	9.7
งกษ	.,	. 4	• 6		• 2	2						1.4	7.4
VARIABLE		•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • • •		• • • • • • • •	•••••
CALM	 <i> </i>	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,,	,,,,,,,,,	,,,,,,	11111111	,,,,,,,,	,,,,,,,,	6.0	/////
TOTALS	9.4	22 • 1	31.3	22.1	7.1	4 1.0	• 2					100.0	R.6

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VIRSUS WIND SPEED USAFETAC FROM HOURLY OBSERVATIONS.

· · · · · · · · · · · · · · · · · · ·						D SPEED	IN KNOTS						
DIRECTION ODEGREEST	1 ~ 3	4-5	7-10		17-21	22-27	28-33	34-40		4 A - 5 S	GE 56	TCTAL	MEAN
N !	. 3	2.9	2.2	. 3	• • • • • • • •	•••••		• • • • • • • •			••••••	5.A	ь.
NNE	1 - 3	2 • 9	1.9	. 6								6.1	F.
NE Í		٠ ٢	1.0									1 - 3	7.
ENE	• 3	• 6										1."	4.
Ł		. 1										. *	5.
E S E	• 3	1.3	1.5									7.2	6.
SF		3 • 2	7.2	1.6	. 3							7.4	۵,
SSF	. 3	2 • 6	2.2	1 - 3								6.4	7
5	, 6	2 • 7	1.9	1.6	. 3							6.7	7 .
SSW 1		• b	1.6	1.0	. 6	. 3						4.7	11
SW	1 - 1	1.3	1.6	1 • 11								5 • 1	٨.
wsw I	1.3	1.0	1.9	2 • 6	. 3	. 3						7.1	10.
* 1	.6	2.9	6.7	6.7	2.9	. 3						20.2	11.
HNH	2 • 2	2 • 7	2 • 6	2.6								9.6	1.
NW	1.0	2 • 6	. 3	1.3								4.9	6.
NNW	1.0	. *	• 3	. 6								2 . 2	ţ.
VARIABLE !	• • • • • • • •		••••	• • • • • • • • •	• • • • • • •			• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • •
CALM		,,,,,,,	///////	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	11111111	A.n	////
TOTALS	10.3	21.2	28.2	20.8	9.5	1.0						100.0	7.

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER									MONTH:		HOURS (LS	11: AL	
DIRECTION (DEGREES)	1 - 3	4 -6	1-1 n	11-16	WIN 17~21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN OPIW
		1.5	1.7			• • • • • • •	• • • • • • • • •	•••••	•••••			4.7	6.8
NNE I	. 7	1 • 9	2.2	. 6								5.3	7.0
NE I	• 2	1.0	1.0									2.2	6.7
ENE I	.4	• ₹	.1									. 9	4.0
£ ļ	• 2	. ,	.2	. 1								. 7	5.6
r SE 1	. 7	1. '	.9	. 1	. 1							3.3	5.8
SE I	1.3	2	4.2	2.5	. 3							11.1	£ . ?
5 S E	. 7	1.9	2.5	2 • 2	• 2	-1						7.6	8.8
5	1 • 2	1.2	. 9	1.2	•2							4 . R	1.3
5 S W	.4	1.1	1.4	1.0	. 4	-1						4.4	9.7
SW 1	.7	1.4	1.9	2.4	.4							6.7	0.4
NSW !	.8	1.0	2.1	2.2	1 - 1	• 2	•1					7.5	11.0
# 1	٠, 9	3 - 1	4.6	5.0	2 . 7	. 1	. i					16.6	11.1
9 NA 9	1.7	1.*	3.0	1.4	. 4	-1						7.3	H . 9
NW 1	.7	1.5	1.4	1.3	. 3							4.9	e . 1
NNW 1	.5	. ۴	. 7	. 4	. 1							2.2	7.2
VARIABLE 1	••••••	*** ** * *	•••••			• • • • • • •	•••••	• • • • • • • •			•••••		•••••
CALM)	///////////////////////////////////////	1111111	,,,,,,,	,,,,,,,,	11/1/1/	,,,,,,,,	////////	(111111)	11111111	///////	11111111	9.4	/////
TOTALS	11.4	22 • 6	29.7	21.0	6.0	.5	• 1					130.0	A • 0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF TECORD: MONTH: ALL HO STATION NUMBER: 743700 STATION NAME: FT DRUM 4Y HDURSILST1: ALL A SPEED IN KNOTS 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN DIFECTION I 1 - 3 7-10 11-16 17-21 MINE IDEGREEST | 6,1 3.2 1.5 3.7 . 7 • D 5. . 4. 7.4 NNE . 7 1 . 8 2.3 . 6 . 1 2.8 5.9 NF . 5 • 9 . 9 ٠٥ e. . ; ENE . 1 1.1 ٠. ١ • 2 . i .0 1.2 ŧ. . 4 . 9 . 2 • 0 2 . B 5. 5 ESE . 7 1.1 • 2 • 7 9.4 7.3 SF. 2.9 3.5 1.3 1.6 7.6 . 2 •) . , 2.0 • 0 SSE 1.8 1.1 4.0 1.9 . 7 . 7 . 2 5 ٠9 1.0 1.4 я., 3.5 .) SSW 1.3 . 9 . 1 9.1 6.1 2.3 . 3 • 0 S₩ . 5 1.3 1.6 11.1 9.0 WSW .5 1 . A 4.3 3.6 . 6 • 1 • 0 9.4 16.8 3.7 1.0 • 2 • 0 1.3 2.0 • 7 • () 5.9 7.3 ¥ N ∌ 4.5 6.7 1.5 • 0 ΝW . а 1 . 7 .0 4.1 6.4 NNW 1.6 1.4 . 7 7.0 ///// . 5 100.0 7.4 26 . 1 33.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DEPECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRLM NY PEPIDE OF RECORD: 78-87
MONTH: ALL MOURS(LST): ALL
CELLINGS 230 TO 1400 FEET WITH VISIBILITIES 17, MILE OR MORE AND/OR CETLINGS 2 10 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

										• • • • • • •	<i></i>		
DIRECTION (DEGREES)		4-6	7-10	11-16	# IN	22-27 22-27	IN KNOTS 28-33	3 4 - 4 (i	41-47	48-55	<u> </u>	I G I V f	MEAN WIN.
N	1.6	3.6	4.5			• • • • • • •				• • • • • • •		17-7	5.9
NNE	.,	2 - 1	2.1	1.4	. ?							6.4	1.7
Nf.	.5	1 - 5	1.3	1.1	. 2							4.4	·,
ENE	.5	• 4	.5	. 1								1.7	4.4
Ł	۰,۶		. 3	. 1								1.0	t. , <u>6</u>
ESE	.,	• 9	. 4	. 1								1.1	6 . N
SF	1] 4.7	2.4	1.9	1.4	. 4	.)						7.2	7.8
5.58	.,	1.9	. 9	. 9	. 1	-1						4 - 1	7.8
5	۱.		٠,			.)						1 • B	5 . (*
55#	i ! . ;	. 4	1.7	, t,	. 1	. 1						2.7	9.0
SW	• '	1 - 1	2.4	1.4		.1						6.3	9,5
w 5 w	.5	1	4.7	4.7	. 1	.,	• 0					13-1	10 • 7
-	} 1 • *.	\$. 4,	t , 1	4.1	1.4	• *,						18.1	9.9
u Nu	1.7	1 - 7	2.3	. 4	. 1		• '1					5.5	7.2
NW		1 - 6	1.4	. 4		. 1						4.3	6.2
4Nm	l 	1 - /	1. *	. 3	. 0							4.7	5.1
VARTABLE	! 		•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	•••••		•••••	•••••
CVCH	111111111	////////	1111111	11111111	11111111	1111111		,,,,,,,	////////	////////	////////	6 • 4	/////
TOTALS	12.0	25 + 6	31.6	19.7	3.6	1.7	• 1					100.0	7.7

FUTAL NUMBER OF GRISERVATIONS: 3449

>0pppppp	A A A A A	# 1-1-5 # P P B		ត្រូវមេធ្វាល់ កុំខុឡាក្រូវប៉ុន្តា
9999999	444441	84884£444	•	6.5
p FF	AA 1A	44 03	T T	- 1
14 99	AA AA	FB SH	1 1	
		404344444	j T	
66 66666 6		R 0 R 4 R 4 R 4	7 7	0.0
bubbbbbbb	**********		1.1	$r_{ij} = 0$
(· f·	ΑΛΑΑΑΑΑΑΑ		11	61 01
r P	44 44	Fa cr	T 1	Figure Date
	AA AA	E. SE	1 1	
t.t.	A.6 A.6	1 D. K	1 1	egraphitee

CETEINS VERSUS VISTPILITY AND SKY COVER SUMMARTES

CETTING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IT A BIRVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM """ TEROUGH EQUAL TO GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERTUS VISIBILITY IN 16 CLASSES FROM ZIRO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

MATA DERIVED FROM HOURLY ORSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-FOUR TIME GROUPS BY MONTH, MINTLEY AND ANNUALLY CALL YEARS COMBINEDI.

Noits:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND APPEARS TO EXPLAIN THEY OF MILES. THEREFORE THE COLUMN FOR VISIBILITIES SQUAL TO OR GREATER THAN 12 MILES APPEAR BLANK.

AS A RULE, AIPWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 CD GREATER, HOWEVER SOME STATIONS REPORT HIGHEP VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PER GENTAGE VALUES. FOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CETLINGS ABOVE SCOP FLET WERE SUPPLISSED TO SOCO FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE SOCE FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

TATA SCHMARIZED BY THE STANDARD T-HOLD TIME GROUPS BY MONTH, MONTHLY AND AND ALLY CALL YEARS COMPINED.

TETO PRESENTED APE MEAN SKY COVERS.

FOR AIRMAY STATIONS, THE CONVERSION FROM THE AIRMAYS DESIGNATIONS TO LETES FOR PRESENTATION ARE:

CIIAR	-	r/1c
SCATTEREL.	-	3713
eROKEN	-	9710
OVERCAST	-	19/18
on Scupe a	-	10710

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETLING VERSUS VISIALLITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 77-97
MONTH: JAN HOLRS (LST1: J607-3983 STATION NUMBER: 743700 STATION NAME: FT DRUM NY or VISIBILITY IN STATUTE MILES CEILING SE GE GE 4 1 2 1/2 IN | GE FEET | 10 Gr 5 E 4.6 r, E Ĵξ 1/2 5/16 1 C 5/8 1/4 NO CETE + 11.3 33.2 30.2 30.9 31.1 31.1 31.1 31.1 31.1 33.3 33.3 33.3 33.3 13.3 13.3 33.3 33.3 73.3 33.5 33.5 33.5 73.5 43.5 43.5 5 * . c 5 * . c 5 * . c 6E 200001 12.5 6F 180001 12.5 6E 160001 12.5 33.3 33.3 33.3 51.3 32.3 32.3 32.3 32.3 33.0 33.0 33.3 33.3 33.3 31.6 31.6 33.3 51.t 32.3 32.8 33.5 33.5 31.6 32.3 33.3 140001 12.7 74 - 3 74 - 2 54. 33.7 13.7 GE 12000 13.0 33.0 35.7 34 . 7 34.7 77.J */. * * * . . . * 6E 10000| 13.0 6E 9000| 13.0 35.4 35.4 36 . H 36 . P 37.0 37.0 37.0 37.0 37.0 37.0 37.0 77.0 37.0 57.5 77.5 17.1 11.1 37.1 41.1 35.1 36.1 35 - 1 36 • 1 80001 13.4 41.7 41.3 42.7 43.3 41.7 GΕ 39.2 43.1 40.1 40.5 41.0 41.0 41.0 41.0 41.3 41.5 GE 7000 | 13.4 6000 | 13.9 41.5 42.0 42.7 42.5 42.9 40.6 41.5 42.5 42.5 41.4 41.7 46.6 50001 15.1 44.6 45.3 45.5 45.5 45.5 45.5 45.5 $\tau_1,\tau_1,\dots,\tau_2$ 4 % . A 40.4 41.1 GE 45 00 | 15.1 4000 | 15.3 43.9 45.5 45.3 45.5 46.7 46.5 48.3 46.5 48.3 46.5 46.5 48.3 46.5 48.3 44.5 45.7 40.7 51.7 6 F 35001 16.3 48 - 6 53.0 53.0 50.5 51.2 51.4 51.4 51.4 51.4 11.4 11.4 1.1.7 59.7 59.9 30001 16.5 58.7 59.4 57.4 (, E 55.7 F . . 4 . . 7 25001 17.9 63.4 64.9 64.9 64.9 65.3 6. . 4 15.6 15.8 59.7 62.7 64.4 45.4 ù E 64.6 74.5 75... 20001 18.6 18001 19.6 72.4 72.5 75.3 12.9 73.6 73.8 74.1 14.1 14.8 1 74.B 15.1 75.5 75.5 75.5 69 • B 73 • 3 64.6 69.5 71.0 16.4 11.8 A () . () -1 - 4 H 1 _ H $t \cdot t = 3$ 4..4 12001 18.6 71.9 74.1 7 + . A en.a A4. :1 85.1 - . . H1.5 10301 18.6 9001 18.6 67.9 72.9 12.9 75.2 75.2 1 .1 5 1 . 1 2 1 . 1 · . . 79. H1. 1 86.A H 7 . . . P 2 . . . 3 . . 4 87.0 67.1 A9.4 91.0 11. 19.0 91.4 G F 8501 18.6 7001 18.6 75.7 75.9 79.7 89.2 97.7 88.7 ня. Ч ня. ч 91.6 11.7 68.2 13.3 15.6 91,8 8,.3 11:1 41. 99. 46.6 95.5 96.1 5601 18.6 A J. 4 40.6 95.4 94.4 13.5 49.6 49,9 31.6 41. 1,5 4001 18.6 64.6 14.3 76.9 91.4 n6.1 9 .1 2 4 . 1 2 4 . 4 89.6 87.6 91.9 91.9 97. 97.4 69.6 74.3 46.1 3001 18.6 2001 18.6 76.9 75.9 91.5 81.4 81.4 H | - 1 76.7 mit, t 79.5 14. . . F1.4 A4. . L 89.6 A11. 1 ... 27.4 45.4 1 . L, E 31 18.6 LAst 11.7 24.1

PERCENTAGE FREQUENCY OF OCCURPENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 7437CT STATION NAME: FF DRLM NY

PERIOD OF RECORD: 79-87 MONTE: JAN HOURS(LST1: 0900-1103 VISIRILITY IN STATUTE MILES CFILING 6f 5E 6F 6E 6E 6E IN | 6E FEET | 10 GE GE 1/4 GE GE 1/2 5/16 GE GE GE 2 1 1/2 1 1/4 G E 5 / 6 6E 174 G E 33.2 33.3 33.3 33.3 13.3 33.3 33.3 NO CETE 1 9.6 3.1.9 35. 1 33.2 13.2 33.2 31.8 32.6 73.3 ur Jamaal ∢.¤ 35.4 17.2 37.6 37.6 37.8 37 - 8 37 - 8 37.9 15.5 37.8 37.8 6.6 160001 9.8 6.6 160001 9.8 6.7 140001 9.8 37.6 37.9 37.9 31.9 37.9 31.2 37.6 37.9 37.9 17.9 37.8 37.8 37.9 15.5 75.6 37.2 37.3 37.9 37.9 35 . 4 37.5 37.6 37.8 17.8 37.8 37.8 58.1 58.7 35.5 37.9 37.9 37.9 38.1 39.1 # 125001 9.A 36.1 37.2 17.9 38.4 3R . 4 38.6 39.6 38.6 38.6 14 . 7 33.7 38.7 3P.7 39.7 at 100001 10.1 38.6 39.6 40.6 91.0 41.0 41.2 41.2 41.2 41.2 41.3 41.3 41.3 41.3 41.3 41.3 90001 10.6 90001 11.2 70001 11.4 43.4 41.3 41.4 41.8 41.9 41.9 41.9 41.9 42.1 47.0 48.7 42.1 42.1 39.3 42.1 51 43.9 45.3 45.9 47.6 46.4 46.9 46.9 46.9 46.9 48.5 47.3 48.7 47.0 47.0 47.3 45.7 47.0 48 . 4 49.9 49.7 49.8 49.9 57.1 50.1 50.1 57.1 50.1 51.2 52.2 54.2 57.0 5000 | 12.3 4500 | 12.4 4000 | 12.6 47.6 48.7 53.1 49.2 53.2 51.6 51.0 52.1 54.1 51.0 52.1 54.1 51.2 51.2 51.2 52.2 54.2 57.0 50.8 51.9 51.0 51.2 52.2 54.2 57.0 ul ul 51.2 52.1 52.1 54.1 52.2 54.2 57.6 51.6 54.2 54.2 52.5 53.3 51.8 35,01 13.7 52.7 54.2 56.1 56.5 56.8 62.4 56.8 56.8 56.8 59.3 61.9 62.8 25:00 14.4 25:01 14.4 18:01 14.7 . . . 1 66.4 72.0 72.8 66.4 12.2 13.0 45.4 12.8 13.6 65.5 73.1 73.9 66.5 73.1 73.9 65.9 71.4 66.5 73.1 , ŧ 63.7 66.5 66.5 62.5 62.8 69.7 70.8 73.1 68.0 71.4 74.5 75.9 72.0 15.7 73.9 73.9 73.9 55.7 64.5 15 701 14.7 71.3 78.6 80.3 78.6 90.3 78.6 90.3 78.6 2.87 G.CR 90.3 77.1 1 121 14.7 71.4 12.5 16.6 19.3 81.9 82.3 84.5 54.9 84.8 85.1 R5.1 85.1 95.1 75.4 76.5 77.5 85.6 87.7 87.6 A5.6 65.9 65.8 67.1 85.9 89.2 90.0 85.9 88.2 82.9 84.3 85.7 9 01 14.7 82.3 85.1 A5.9 , , 71.4 12.1 77.1 78.2 79.6 87.8 82.7 71.0 A7.1 98.2 88.2 7, 11 14.9 19.4 90.0 90.0 90.0 11.5 74.1 85.1 98.6 99.6 92.8 92.9 14.0 41.3 91.5 91.5 94.5 94.5 94.6 94.6 12.4 19.1 84.1 88.2 89.8 92.2 67.6 67.6 12.4 72.5 72.5 96.9 98.2 98.9 : , j 1 14.9 75 - J 75 - 1 79.4 81.5 81.6 84.3 84.6 98.5 58.8 89.1 89.4 92.6 94.8 94.9 96.5 96.8 97.1 96.9 1 14.3 15.1 79.4 91.6 94.6 88.9 89.6 91.2 25.5 45.7 97.1 91.5 98.5 3 . . 17.5 25.7 97.2 91.1 99.9 1. 1 :4.4 15.1 84.6 88.9 89.6 93.2 41.6 1 14.9 61.6 91.2 96.5 97.2 97.7 75. - 1 41.5 25.7 12.5 19.4 84.6 48.9 89.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

			743703				-					MONTH	: JAN		([ST):		σJ
	ILING	• • • • • •		• • • • • • • •	•••••		• • • • • •		BILITY				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	
		GE	GE	3 E	38	GΕ	δE	GE	GE	GE GE	GE	. GE	G £	GE	GE	GE	61
		10	6	5	<u> </u>		2 1/2		1 1/2		1	7/4	5/8	1/2	5/16	1/4	5.
								-									
										• • • • • • • •							
N O	CEIL 1	12.1	34.0	34.3	34 • 8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	15.0	35.0	35.0
G.F	200001	11.8	38.4	33.4	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	34.7	19.7
	180001		38 - 4	33.4	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
υE	160001	13.8	38.4	39.4	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39 . 7	39.7	39.7	39.7	39.7	39.7
GE	143001	13.8	38.4	39 • 4	39.3	39.3	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GĒ	120001	13.0	39.0	39.2	40 - 1	40.1	40.1	40.4	40.4	40.4	45.4	40.4	40.4	43.4	40.4	40.4	40.4
										•	-					•	
GΕ	100001	15.0	43.1	43.3	44.4	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
6 E	90001		43.7	43.9	45.0	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
ĞĒ	82001		46.2	45.5	47.6	47.6	47.6	48.0	48.0	48.0	48.0	49.0	48.0	48.0	48.3	48.0	48.5
68	79001	15.2	46.6	45.9	48.0	48.1	48.1	48.4	48.4	48.4	48.4	49.4	48.4	48.4	48.4	49.4	48.4
6.5	60001		46.7	47.0	48.1	48.3	48.3	48.6	48.6	48.6	48.6	44.6	48.6	48.6	48.6	48.6	48.6
6 E	50001	16.1	49.1	49.4	50.5	50.6	5B . 6	50.9	50.9	50.9	53.9	50.9	50.9	50.9	50.9	50.9	56.9
4.8	45001	16.3	50.5	53.8	51.9	52.0	52.0	52.4	52.4	52.4	52.4	57.4	52.4	52.4	52.4	52.4	52.4
UΕ	40001	16.8	52.7	53.0	54.5	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.3
6 E	35.00	16.9	55.2	55.5	57.1	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
6.8	30001	17.2	58.0	59.9	61.3	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
							• • •										
٦٠.	25001	18.5	62.2	63.3	66.3	66.7	67.1	67.6	68.0	ьв.О	68.0	65.77	68.0	68.0	68.0	69.0	68.0
fs F	20001	18.7	63.6	65.0	68.3	69.6	69.7	70.5	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
1,E	19001	19.8	63.8	65.2	68.5	69.7	69.9	70.7	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5
SE	15 00 l	19.0	65.0	65.9	70 · B	72.3	72.4	73.7	74.6	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4
6 E	12001	19.1	65.4	67.4	71.5	73.7	73.4	14.9	76.2	76.5	77.3	77.3	77.3	77.3	77.3	17.3	77.3
s, E	10001	19.4	56.9	69.1	73.4	75.4	15.7	78.7	80.7	81.5	83.1	83.2	B3.2	83.4	83.4	83.5	83.5
G E	3 (Jn 🛊	19.4	67.1	69.4	73.8	76.0	16.3	79.5	81.8	82.4	84.0	84.2	P4.2	84.3	84.3	84.5	A4.5
6 F	E JC t	19.4	67.9	13.2	74.9	77.4	77.7	81.5	84.3	85.3	88.2	88.9	88.9	89.0	89.0	89.2	99.2
6 F		17.4	68.3	73.7	75.7	78.5	78.8	87.6	85.6	86.5	A9.7	90.4	90.4	90.6	90.6	90.9	90.8
υŧ	6001	19.4	68.7	71 . j	75.2	79.4	79.2	83.5	86.7	87.8	91.2	32.2	92.2	92.3	92.3	97.8	92 • B
										•			-		-		-
GΕ	5001	19.4	69.0	71.3	76 . 8	79.9	RU. 4	85.3	88.9	90.0	93.7	94.7	94.8	95.1	95.1	95.9	95.4
6 F		19.4	69.1	71.5	77.3	1.08	80.7	85.7	89.5	90.8	94.5	95.5	95.6	96.6	96.7	97.5	91.5
ωf	3001	19.4	67.1	71.5	11.3	80.1	80+7	85 . 7	89.5	90.8	94.7	95.8	95.9	96.9	97.2	99.4	98.7
GΕ	2001	19.4	69.1	71.5	77.0	80.1	80.7	85.7	89.8	91.1	95.1	96.4	96.6	97.6	98.0	99.2	99.7
G.F	1001	19.4	69.1	71.5	77.0	80.1	80.7	85.7	89.8	91.1	95.3	96.6	76.7	98.0	98.3	99.5	100.0
												•					
6.5	n (19.4	69.1	71.5	77.0	80.1	HG . 7	85.7	89.8	91.1	95.3	96.6	96.7	98.0	98.3	99.5	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECORD: 19-87

311	411014 14	U1111E4 .	143703	3.4.1	CH TAIL							MONTH	: JAN	HOURS	(LST):	1567-17	co
CE:	 ILING	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••			IN STATU	TE HIL		• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •
	IN I	GE	GE	SE	ūΕ	GE	GΞ	GE	G S	GE	GE	GE	G.E.	GΕ	GE	SE	5 f
FE	1 133	10	6	5	4	5	2 1/2	5	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	9
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	••••	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •
NO.	CEIL I	11.1	36.7	35.9	37.3	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	77.0
GΕ	200001	12.7	43.6	43.8	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
	180001		47.6	4J.8	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
	16000]		43.6	4J.8	41 + 2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
	14000		43.6	47.8	41.2	41.2	41,2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41,4	41.4	41.0
Űξ	150001	12.7	40.6	43.8	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	4].4	41.4	41.4
GE	100001	13.9	45.3	45.7	45.1	46.1	46.1	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.
G E	9000		45.7	45.1	46 • 5	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE	80001	14.3	47.7	49.0	48.4	48.4	48.4	48.4	48.6	48.6	48.6	49.6	49.6	49.6	48.6	49.5	48.6
GΕ	70001		48.2	49.8	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	47.6
6 €	ec.aa (14.5	48.6	49.2	50.2	50.2	50.2	50.2	50.4	50.4	50.4	57.4	50 · 4	50.4	50.4	50.4	50.4
ΘĒ	scao I	14.8	49.8	53.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
6 E	45001	14.8	50.4	51.0	52.0	52.0	22.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
ĿΕ	40004	15.4	53.3	53.9	54.7	54.7	55.1	55.1	55. 3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
ΘE	35001	15.8	54.7	55.5	56 . 4	56.4	56 - 8	56.8	57.2	57.2	51.2	57.2	57.2	57.2	57.2	57.2	57.2
G E	30001	16.2	51.8	59.4	60.7	60.3	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.7	61.9	61.9	61.9
GΕ	25001	17.2	61.7	63.5	64.8	65.4	66.2	66.4	66.8	67.0	67.0	67.0	61.0	67.0	61.0	67.0	67.U
GΕ	20001		63.9	65.5	68 · J	68.9	69.7	69.9	70.5	10.7	73.9	79.9	70.9	10.9	70.9	70.9	76.9
υE	18001	17.2	64.6	67.4	68 + 8	69.7	7G. 7	71.1	71.7	71.9	72.1	77.1	12.1	72.1	72.1	72.1	72.1
G E	1500)	17.6	66.4	70.3	71.7	73.7	74.2	75.4	76.4	76.8	77.3	77.3	17.3	77.3	77.3	77.3	77.3
٥E	12001	18.0	67.2	71 . 3	73.0	75.4	76.6	78.1	79.5	80.1	40.9	81.1	K1.1	81.1	91.1	81.1	61 - 1
6E	19001	18.0	68.6	73.9	75 - 2	78.1	19.5	81.6	84.2	65.0	85.7	86.3	96.3	86.3	96.3	86.5	86.5
Ŀ E		18.0	68.6	73.2	75 . 8	79.5	81.1	83.4	86.1	86.9	89 - 1	88.7	88.7	88.7	98.7	84.9	98.9
6 F	8011	18.0	68.6	73.2	76 • U	79.9	81.4	84.0	86.9	87.7	89.6	97.6	93.6	97.6	23.6	90.8	93.4
to E	761	18.0	F-8 - 6	73.4	76 • 2	80.5	92.2	84.9	A 7. 7	88.5	93.4	91.6	91.6	91.6	91.5	90	92.0
υF	6001	19.0	68.6	13.6	76 • 4	80.7	82.B	85.7	88.7	89.6	31.8	34.0	21.0	93.2	93.2	91.9	33.4
í, F	S an E	19.0	69.6	73.9	75.8	81.1	H3.2	86 - 3	A9.8	4D.A	93.2	94.5	94.5	94.9	94.9	95.5	96.5
to F		18.0	68.6	73.0	76.9	61.1	R3.6	86.7	90.6	91.6	91,9	95.5	45.5	96.1	96.1	97.1	97.3
ii E		19.0	69.6	73.3	75.8	81.1	83.6	86 - 7	90.6	91.8	94.3	95.0	25.9	96.7	96.9	99.0	98.2
G E		19.0	68.6	73 • A	76 . 4	81.1	H3.6	86.7	90.8	91.A	94.5	95.1	96.1	96.9	97.1	99.2	98.6
61		18.0	69.6	13.A	76.8	81.1	93.6	86.7	90.8	91.8	94.5	46.1	96.1	96.9	97.1	94.2	98.6
GF	0+	18.0	68.6	73.8	76.8	81.1	нз. ь	86.7	90.8	91.8	94.5	95.1	95.1	97.1	07.7	98.8	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF PECORD: 79-87 STATION NUMBER: 743700 STATION NAME: FT DRUM NY MONTH: JAN HOUPStLSTI: ALL VISIBILITY IN STATUTE MILES CEILING GE GE GE GE GE 2 1 1/2 1 1/4 1 3/4 6E 578 GE GE GE 4 3 2 1/2 IN | GE FEET | 10 GE SE 6 5 GE GE 172 5716 34.2 NO CEIL | 10.7 32.9 33.3 33.8 34 . 1 34 . 2 37.2 37.8 38.2 \$9.3 10.3 38.3 39.4 18.4 30.4 39.4 GF 200001 12.1 16.8 38.1 38 - 1 38.3 38.3 6E 18000| 12-1 6E 16000| 12-1 6E 14000| 12-2 37.2 37.2 37.8 37.8 38 · 1 38 · 1 38 · 1 38 · 1 38.2 38.3 38.3 39.3 39.3 39.3 58.3 38 · 3 18 · 3 *8.4 *4.4 39.4 39.4 16.4 3...4 36.8 39.4 36 · 8 ta . t 4 . 4. 58 . 2 38.4 38.4 3 R . 4 38.4 19.5 3A.5 39.5 **18.5** GE 120001 12.3 37.4 38.5 38.8 38.8 39.0 39.0 39.0 39.0 19.1 39.1 59.1 1.68 39.1 1 . . : 47.7 47.1 GE 10007 | 12.9 GE 9000 | 13.1 40.8 41.4 42.1 42.6 42.3 42.8 42.4 42.9 42.5 43.0 42.6 43.1 42.6 43.1 42.6 43.1 92 + 6 93 + 1 42.6 42.7 42.7 42.7 41.9 43.1 43.1 45.1 47.7 8000 | 13.5 7000 | 13.5 44.5 45.2 45.9 47.0 46.2 46.4 46.5 46.5 46.5 45.5 46.5 45.6 46.5 46.6 GE GE 46.3 47.4 60001 13.8 46.0 45.9 47.7 48.5 48.1 48.3 48. 3 48.3 49.3 48.4 49.4 48.4 49.4 48.4 50 • 1 51 • 2 57 • 6 56 • 2 50.1 50.2 5000 | 14.5 49.4 49.8 49.9 50.0 50.1 51.1 50 • 1 51 • 2 51.2 50.2 51.5 51.5 54.2 GF. 48 • 7 50 • 7 47.5 52.5 50.8 51.0 51.1 51.1 51.3 4700 | 15.0 52.7 53.3 53.5 53.5 53.6 C. L. A. 51.6 53.1 56.1 61.9 56.1 56.2 G F 35001 15.6 5 3 . 1 54.1 55.1 55.6 55.9 56.0 56.1 56.2 61.9 30001 15.8 61. 61 4, 3.4 61.3 25001 16.9 20001 17.1 18001 17.2 64.7 68.4 68.9 65.5 70.3 70.5 66.7 71.8 72.4 66.7 71.9 72.5 66.8 72.3 72.9 61.9 72.4 73.0 66.9 12.4 73.0 65.9 72.4 73.1 65.9 72.4 73.1 66.9 77.4 77.1 63.7 63.5 63.9 65.9 70.7 66.3 G.F 63.J 65.4 72.4 71.A 65.4 G.E. 71.1 15001 17.3 71.4 77.7 78.0 6 F 6.8 12001 17.5 56.1 12.5 74.7 15.9 ۹0.7 80.8 80.5 83.1 84.0 85.4 73.9 74.2 74.9 77.9 78.6 79.5 80.4 91.2 82.4 85.3 86.5 88.7 85.7 86.8 89.5 85.9 87.1 89.8 86.1 #7.1 #9.# 17091 17.6 76.5 77.5 78.2 G F G F 83.6 71.2 i, F 800 L 17.6 67.6 71.7 86.1 47.5 A4.4 44.4 97.9 94.3 91.9 71.1 91.3 u.f 7001 17.6 67.9 72.1 74.4 79. 80.4 81.4 86.4 87.7 87.1 89. Y 91.1 1001 17.6 91.1 94.4 95.0 95.7 9.6.4 24.4 76.3 96.4 96.8 91. li E li F 4001 17.6 1001 17.6 69.4 12.9 76 . 3 76 . 4 80.7 80.4 42.1 42.2 85.6 85.7 89.5 87.6 90.3 90.5 93.7 95.2 95.5 35.5 95.6 96.6 97.7 7/.. VA.7 99.1 6.9 . 4 97.6 34.7 96.0 ı, € 2001 17.6 17.9 75.4 80.4 82.2 AS . 7 89.8 94.2 91.6 49.3 95.9 97.4 97.8 1001 17.6 87.8 34 . . 96.0 υF 1.9.4 73.4 16.4 80.4 82.2 85.7 90.6

89.B

90.6

82.2 85.7

44.9

94.3

97.5

26.0

98.J

99.2 100.0

TOTAL NUMBER OF URSERVATIONS: 2725

t.A . 4

17.9

75.4

80.4

01 17.6

1, 1

PERCENTAGE FRIQUENCY OF OCCURRENCE OF CEILING VERSUS VISIALLITY FROM HOURLY OBSERVATIONS

THE TOTAL STATE OF THE PROPERTY STATE OF THE PROPERTY

PERENT OF PECORDS 14-R1 MONTHS FEE HOURSELSTIS GA 7-14 CETLING 1 GE VISIRILITY IN STATUTE MILES
GE GE GE CE
7 1 1/2 1 1/4 1 7/9 of st ot ne 6.7 FEET 1 10 1 2 1/2 172 5715 1/4 NO CEIL | 19.8 39 . .* 18.5 39.7 39.2 34.2 39.2 39.2 1 . . 2 49.2 10.3 GF 200001 20.1 GF 182001 20.1 ₹9,9 ₹9.9 ₹9.9 47.5 47.5 47.6 40.6 40.6 40.6 43.6 45.6 45.6 40.6 40.6 49.6 40.6 43.6 43.6 43.6 4".(4".(4".) 41.6 41.6 41.6 40.5 4 -6 4 4 4 4 . 4. 4 . 4. 14 . 6. 43.6 GE 160001 20.1 41.6 41.6 411.6 41.3 41.1 41. (41.3 41.3 41.5 41.3 41.3 43.4 41.3 41.1 or Langual 20.8 43.4 44.6 47.6 42.6 41 4 43.4 43.4 43.4 41.4 9200 | 21.2 8300 | 21.2 7500 | 21.5 43.1 44.4 44.9 47.2 48.1 44.4 44.8 47.6 44.8 44.R 47.6 44.4 4 6 . R 44.2 94,4 97,6 47.6 ωE 45.1 45.0 46.7 47.9 46. 47.9 48.6 48.4 48.6 49.6 48.1 . . . 49.7 1 57.8 57.1 57.5 6.5 57001 22.9 51.0 51.1 54.5 51.5 . . . 53.5 51.5 **, , ,** , · • • • 64.4 4.5.0 . . . 11.4 45001 23.3 43001 25.0 55.1 57.4 54.2 58.7 54.2 54.2 14.. 54.3 54.7 . . . 6.5 51.6 35101 26.4 6.1.4 67.4 63.2 65.4 64.6 64.6 64.6 64.6 14.1 14.1 44.6 64.6 14.4 e die 1,1 65. 4.9.1 60.1 t. H . 1 4.4.1 59.1 F 2 . 1 1.7.1 75. ... 19. 9 15.0 . . . ; 14.j 14.0 15.3 78.1 97.6 A 1 . 1 ... 41.1 . . . 18. | 17.8 15.01 18.5 14.1 15 . . 7 P . 4 н., 81.5 81.1 A1. + 81.9 84.0 41.V 11.7 41.4 41.9 44.9 п) . . Яч . ч 41.5 1.1 4.4.4 15. 11.4 9.4 79.4 79... F4.4 44.4 91.0 41 --42 -- $\frac{q_{(i)+1}}{q_{(i)+1}}$., 1 90 1 78.8 71.2 A ... я . . ; -1.5 44.5 9 14.1 94.4 414 . 1 20.1 7 1 35,4 71.7 11. A . . . H 5 - 1 #1.5 #1.# 9.4 97.4 . 4 . 9 1 ., 1 94.1 . . 1 1 1, } ;tu, u 4,01 24,8 1301 8,4 7 4 . 4 7 4 . 9 7 4 . 1 71.9 нг. нь.: ,/.: va.: vv.: ... 49.1 17.5 ٠. . . 41. 2 94. C 94.4 94.8 44.4 96.5 . 7 . 6 14.4 . 1 . 1 44. 7 71.2 42.3 2004 . 4.4 11.9 11.1 42.3 H F. . . 44. A J4 . H 96.5 26.5 99.4 11 . 4. 8 21.4 41.1 20.1 22. *

TOTAL NUMBER OF CHAINSANTINGS

PENCENTAGE FREQUENCY OF OCCURRENCE OF CFILLYS YERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATICS NUMBER: 1										MONTH	FIB		(LST):		0 3
CERT166		• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	1210	BILITY	IN CTATE	ITE MIL	 rs	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • •
IN	', r (-	7 t	3.5 4		6: 2 1/2	5 E	1 1/2 1 1/2	6 E 1 1/4	6 E 1	5 E 3 Z 4	GE 578	9 E 1 / S	6.E 5/16	GE 174	5 f ü
		•••••		• • • • • •	· · · · · · · ·	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •		• • • • • • •	• • • • • • •		•••••
NO CETU 1 12.5	14.6	33.1	16.9	37.2	37.0	37.0	37.0	37.0	37.0	37.0	17.0	37.0	17.3	31.3	37.0
3 F 21 Max 1 1 7 . 7 3 F 18 mg n 1 1 7 . 7	41.1	47.1	42.5	42.7	42.7	42.7	42.7 42.7	42.7	47.7 42.7	42.7	42.7	42.7 42.7	42.7	42.7	42.7
51 160 60 1 1 1 1	41.1	4	40.5	42.1	47.7	42.7	42.7	42.7	42.7	4.2	42.7	42.7	42.7	4 7	42.7
	41.1	47.3	42.5	42.1	42.7	42.7	42.7	42.7	42.1	42.7	42.7	42.7	42.7	42.7	42.7
	41.5	41.7	43.7	44.7	44.3	44.0	44.0	44.0	44.0	44.7	44.0	44.3	44.0	44.3	44.0
	44.	45.4	46.6	46.9	46.9	46.A	46.B	46.8	46.8	46.8	46.8	45.A	46.8	46.8	46.9
-66 9060∤ 14.4 -66 3 90∤ 15.0	44.5	47.] 53.,	47 • 3 53 • 5	47.4 50.7	47,4 50.7	47.4 50.7	47.4 50.7	47.4 50.7	47.4 50.7	47.4	47.4 50.7	47.4 57.7	47.4 50.7	47.4 50.7	47.4 55.7
7	44.3	51.9	52.2	52.6	5.46	52.7	52.7	52.7	52.7	5.2.7	52.7	52.7	52.1	57.7	50.7
Sec. 2 1 11.0	44,4	55.	52 - 4	57.1	52.1	52.9	53.1	53.1	53.1	1	53.1	53.1	53.1	53.1	53.1
	C 1 . t.	54.1	54.4	54.0	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
	1.7	5 + • #	55 - 1	55.5	55.5	55.6	55.8	55.A	55.A	55 • R	55.8	55.8	55.8	55.8	55.A
	1	54	64.5	'A	58.9	59.0	59,2	59.2	59.2	50.5	59.2	59.2	5 9 5	59.2	59.2
	F - 1	61 -4	61.6	62+5 68+8	62 • 6 64 • A	62.8 69.1	63.U 69.3	69.5	63.1 69.5	63.1 69.6	1,3.1 51.6	69.6	63.1 69.6	53.1 69.6	53.1 59.6
	11.0	64.1	11.6	11.2	1 5	14.5	73.9	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	((- 1	6, 3 . 4	13.2	76.1	77.3	TR. T	8 O • O	90.2	81.1	A1.1	81.1	81.1	p 1 - 1	81.1	91.1
•	, t. K	7). (71.1	11.1	11.5	19.2	97.9	81.1	A1.4	81.9	81.9	81.9	91.9	81.9	F1 . 9
	1 M . 1 M . M	7	74.4	19.) 80.5	19.4 R:.⊋	61.7 43.2	81.8 85.5	84.0 85.7	85.3 87.2	85.0 87.2	85.U 87.4	85.0 87.4	A5.J	85.0 87.4	87.4
0 1 1 1444			76.5	F1.5	41.9	85.2	87.7	a9.1	P9.4	89.0	90.3	90.4	90.4	97.4	90.4
		1 . 1	20,00	6 1 - 1	H 8	86 7	88.7	89.1	91.0	91.3	91.3	91.5	91.5	91.5	91.5
	March 1	11.4	11.5	H 1.4	H4. 1	97.7	90.4	90.8	93.3	41.1	31.	93.9	94.0	04.3	94.0
		11.1	79.	64.	44.8	A B . 7	91.5	92.N	94.7	94.7	95.1	95.2	95.4	95.4	95.4
F 1 - 1		71	74,5	84.5	85. h	A 0 . 4	92.3	9.2.A	95.1	95.7	96 - 1	96.7	96.4	96.4	96.4
	10 mg	14.7	74.5	84.	15.7	89.5	97.5	93.0	95.7	96.1	95.4	97.1	97.3	97.5	97.5
	1.6	11.	74.5	яч. 1	91.8	87.9	92.7	33.2	96.4	96.6	16.9	97.5	97.8	97.8	97.B
	f 1	/+	78.5	H 4 -	at a A	A4.9	92.8	93.5	9 f B	11.0	97.3	98 • 1	98.3	98.6	98.6
	5. F	74	'н .	ра (1)	95. H	89.9	92.8	91.1	96.9	41.1	97.4	98.5	99.5	98.4	98.8
	15.,	71	7 H 4	H4.4	H4. 4	P. PR	92.8	91.1	06.4	77.1	97.4	98.5	98.5	99.3	99.7
- A			74.,	. #9.2 ·	#4. A	80.9	92.8	91.1	95.9	≠7.1	97.4	94.3	98.5	99.3	170.0

THE TALL WINNERS OF THE SERVER PROPERTY OF THE SAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

WIN MENTICA SERVICENTE

PERIOD OF FECORD: 79-87 STATION NUMBER: 743700 STATION NAME: FT DRUM NY VISIBILITY IN STATUTE HILES MONTH: FEB HOURS(LST): 1200-1400 LETLING ű.E GE GE GE GE GE 2 1 1/2 1 1/4 1 IN I TE 3E 3E 5 GE E 6E 65 4 3 2 1/2 6; 1/2 1/4 3/4 5/8 5/16 10 - (1 37.7 37.7 NO CETE 1 12.9 16.6 17.5 17.5 37.7 17. 7 37.7 17.7 37.7 37.7 GE 200001 13.1 42.2 42.2 42.2 42.2 42.2 42.2 47.A 41.9 42.1 42.2 42. 7 42.7 42.2 42.2 42.2 180001 13.1 42.2 42.2 42.2 42.2 42.2 42.1 42.1 42.2 42.2 42.2 42.2 42.2 GΕ 40.8 41.9 42.2 42. Z 42.2 42.4 42.2 GΕ 40.8 140001 13.1 41.0 42.1 42.4 42.4 42.4 42.4 42.4 42.4 120001 13.1 42.8 42.8 42.8 42.8 42.B 42.8 42.8 42.8 42.8 43 . B 45.2 45.2 45.2 ű E 100001 14.1 44.9 45.0 45.2 45.2 45.2 45.2 45.2 45.2 45.2 45.2 45.2 45.9 45.9 45.9 90001 14.1 45.5 49.2 45.9 45.9 45.9 45.9 6F 44.5 45.7 45.9 45. 8000 | 15.0 46.8 48.3 48.7 48,7 48.7 48.7 48.7 48.7 44.7 48.7 48.7 48.7 48.7 46.7 51.0 52.2 51.0 51.0 51.0 70001 15.5 48.7 51.3 53.4 51.0 51. D 51.0 51.0 51.0 51.0 51.0 51.0 52.2 60001 16.1 51.7 52.2 52.2 50UD] 16.9 53.2 53.B u f 45001 17.1 52.2 53.8 53.9 54.5 54.5 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 e 7 . 1 54.1 56.9 60.7 57.1 57.1 60.9 57.1 57.1 57.1 57.1 57.1 57.1 400nl 17.3 56.4 6J.2 56.9 60.7 57.1 60.9 55.0 35001 18.2 60.9 40.9 63.9 60.9 60.9 60.9 i. F 30001 ta.2 63.2 65.8 67.5 68. 68.4 68.6 69.3 67.3 69.3 69.3 69.3 69.3 69.3 64.7 66.0 69.5 73.7 13.5 71.9 75.9 72.8 17.8 72.9 79.4 72.9 78.4 72.9 79.4 25001 18.7 71.7 75.2 72.9 20001 19.8 78.2 79.4 GF GF 14001 19.5 66.6 72.3 74.3 78.0 76.1 81.7 76.8 78.0 78.9 78.9 85.2 79.2 79.4 79.4 79.4 79.4 79.4 1500| 19.7 1200| 19.9 75.7 81.6 85.2 95.7 82.4 85.7 73.7 83.8 A 7. 3 88.1 88.1 10801 19.9 71.0 79 .d 79 .5 80.5 81.1 86.0 86.6 90.6 91.4 92.7 90.8 91.6 91.3 91.6 91.6 91.6 91.6 91.8 92.7 95.5 6 f 9 f 84.4 88.8 88.8 9001 20.4 . (72.1 17.4 81.8 86.6 87.8 90.1 92.8 93.9 94.9 94.9 95.3 95.3 95.5 7001 20.4 6001 20.4 77.5 77.6 92.U 92.J 85.7 86.7 88.0 88.1 90.2 90.8 92.8 93.0 94.8 95•1 95•8 95.1 95.5 96.3 95.5 95.6 96.5 95.6 1, E 97.2 5001 20.4 97.0 4R. 1 1, 1 4001 /p.4 2001 /0.4 12.1 19.5 82.0 82.0 84.9 46.1 88.3 90.9 93.5 93.7 95.3 96.9 96.9 97.6 97.6 97.7 77.7 99.5 17.6 86.9 91.1 99.1 1.5 2901 20.4 1004 20.4 290) 93.9 99.1 99.5 99.7 17.5 BA. 3 95.6 99.1 100.0 95.6 79.1 82.0 BA. A 48.3 91.1 1, 4 91 30.4 79.6 72.1 82.) 86.7 48.3 91.1 95.7 91.9 97.7 97.2 99.1 99.1 99.5 100.0 95.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

IR WEATHER SERVICE/MAC

STA	TION N	UMBER:	743700	STATI	ON NAME:	FT	RUM NY					001534 H100E		3PD: 79	-87 (LST):	1560-17	0.3
								• • • • • • •					-				
	LING				c. r					IN STATE				65			(, r
	IN J ET L	GE 10	GE 6	3 E 5	G E	GE,	65	GE	GE 1 1/2	GE	GE	9 E 3 7 4	G f. 5 / 8	GE 1/2	96 5716	GE 1/4	G.
							2 1/2										
• • •				• • • • • •	•••••			• • • • • • •				• • • • • • •	• • • • • • •	• • • • • • • •			• • • • • • • • •
N O	CEIF	15.4	39.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	59.9	39.9	39.9	39.9	34.4	59.9
GΕ	200.001	16.4	44.0	45.0	45.0	45.5	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.3	45.0	45.0
	180001		44.0	45.0	45.0	45.0	45. B	45.0	45.0	45.0	45.C	45 . C	45.0	45.3	45.3	45.0	45.6
G E	100001	16.4	44.0	45.0	45.0	45.0	45. D	45.0	45.0	45.0	45.D	45.7	45.0	45.0	45.3	45.0	45.0
GE	140001	16.4	94.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE	120001	16.4	44.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GL	100001	17.1	46.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE	90001	17.1	46.9	47.9	47.9	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE	80001	17.1	49.9	51 • 1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE	70001	17.6	51.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.A	52.8	52.8	52.8	52.9	52.8
GΕ	60001	18.3	53.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
3.0	50001	19.1	54.5	55 • 2	56 • 2	56.5	56.5	56.5	56.7	56.7	56.7	56.7	55.7	56 • 7	56.7	56.7	55.7
υE	45001	19.3	56 + 0	57.7	57.7	57.9	57.9	57.9	58.2	58.2	58.2	54.2	59.2	58.2	58.2	58.2	58.2
GΕ	40001	19.6	57.9	59.9	59.9	60.1	60.1	60.1	60.4	60.4	63.4	67 .4	63.4	63.4	60.4	60.4	60.4
GΕ	35 00 1	19.8	59.7	61.9	62.1	62.3	62.3	62.3	62.6	62.6	62.6	67.6	52.6	62.6	62.6	62.6	62.6
ьE	3000	20.0	65.8	67.4	73.2	70.9	70.9	70.9	71-1	71.1	71-1	71.1	71.1	71.1	71.1	71.1	71.1
GF	25001	21.3	68 • 7	73.1	73.8	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GΕ	20001	21.8	71.1	75.3	77.3	79.0	79.2	79.7	80.2	80.2	80.2	87.4	80.4	80.4	A0.4	87.4	9 () . 4
6 E	18001	21.8	71 - 1	75.3	77.3	79.	79.2	79.7	80.2	80.4	80.4	30.7	80.7	83.7	83.7	47.7	80.7
Ģξ	15001	21.8	72.4	79.0	79.0	81.2	81.4	82.4	63 4	8 5 . 6	A3.6	83.9	93.9	93.9	R3.9	43.9	93.9
GΕ	12001	21. A	73.6	77.5	83.7	83.4	83.6	84.9	86.3	B6 • 8	A7.3	87.5	97.5	97.5	я7.5	B7.5	87.5
υE	10001	21.8	74 - 1	83.0	81.2	84.6	84.9	87.0	88.5	89.2	90.7	91.2	71.2	91.2	91.2	91.4	91.4
υE		21.8	74 . 1	80.0	81.2	84.6	84.8	87.0	88.5	89.2	90.7	91.7	91.2	91.2	91.2	91.4	91.4
υE	ann l	22.2	74.8	81.2	82.4	85.9	66.1	88.3	89.7	90.5	92.2	92.9	92.9	92.9	92.9	93.2	23.2
6 E		22.2	74.8	91.2	82.4	86.1	86.3	88.8	90.2	91.0	92.4	91.6	93.9	94.1	94.1	94.4	94.4
GF	6381	22.2	74.8	81.2	82.5	66.3	86.6	89.7	91.0	91.7	93.9	94.5	94.9	95 • 1	95.1	95.4	95.4
υĒ		22.2	74.8	81.2	A5.6	A6 . 4	87.0	90.0	91.7	92.4	94.9	35.1	96.3	96.6	96.6	96.9	96.8
6 E		22.2	74.8	81.2	82.6	87.	87.3	90.5	92.2	92.9	95.6	9 h . A	97.1	97.8	97.8	9 A • O	98.0
GΕ		22.2	74 - 8	81.2	A2.6	87.1	87.5	90.7	92.4	93.2	95.8	17.1	97.5	93.5	98.5	98.8	98.8
ĿΕ		22.2	74 - 8	81.2	82.6	87.9	87.5	90.1	92.4	93.2	95.8	77.1	97.5	94.9	98 - 8	99.3	99.5
GE	1001	22.2	74.8	81 · 2	A2.6	87.0	87.5	90.7	92.4	93.2	95.8	97.1	97.3	98,8	98.8	99.5	100.0
υŁ.	0.1	22.2	74 . B	81.2	82.6	87.~	87.5	90.7	92.4	93.2	95.A	97.1	97.3	98.A	98.8		100.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VESIBILITY USAFETAC FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAG PERIOD OF RECORD: 79-87 MONTH: FEH HOURSILS STATION NUMBER: 743700 STATION NAME: FT DRUM NY HOURS(LST): VISIBILITY IN STATUTE MILES CEILING GF_ GE GE 1/2 6E 374 IN | 6E 6 SE 5 6 E 4 GE GE GE GE 2 1 1/2 1 1/4 1 31 578 GE GE 1/2 5/16 6€ 1/4 G E 1 38.2 38.2 38.2 38.2 38.2 38 - 2 35+2 NO CETL 1 14.3 36.9 39 . . . 39.2 78.1 38.2 42.5 6E 200001 15.1 42.6 42.7 42.7 42.7 42.7 41.2 42.7 42.7 42.7 180001 15.1 42.5 42.7 42.7 42.7 42.7 42.7 42.7 42.7 42.7 42.7 42.7 43.0 42.7 42.7 6E 160001 15.1 6E 140001 15.1 42.6 42.7 43.0 42.7 43.0 41.2 42.5 42.7 42.7 42.7 42.7 43,0 41.7 120001 15.2 42.1 43.5 43.6 43.7 43.7 43.7 43.7 43.7 43.7 43.7 43.7 43.7 45.9 45.3 45.5 100001 16.0 44.2 45.7 45.8 45.9 45.9 45.9 45.9 45.9 45.9 45.9 45.9 45.9 46.7 9700 | 16.1 44.8 45.4 46.7 46.7 46.7 46.7 46.7 46.7 46.7 46.7 46.7 46.1 46.5 46.7 GE 8000| 16.4 7000| 16.9 49.7 51.6 49.7 51.6 49.7 51.6 49.7 51.6 49.7 51.6 49.7 49.7 49.7 49.7 51.6 51.0 51.5 51.5 60001 17.2 54.8 5000| 18.0 54 • 2 55 • 0 54.5 55.4 54.6 55.5 54.7 55.6 54.8 55.7 54.8 54.8 55.7 54.8 55.7 54 • 8 55 • 7 54.9 55.7 4500| 18.3 4000| 18.7 3500| 19.7 55.7 52 • 6 55 • 2 54.3 55.7 6 E 57.8 58.5 5A.7 59.7 58 • 0 58.6 58.7 58.7 58.7 58.7 5A.7 58.7 62.4 62.6 6 F 58.2 61.6 62.3 62.5 62.5 62.6 62.6 62.6 74.0 79.6 74.2 60.1 80.9 74.2 80.1 80.9 2530| 20.4 2000| 20.7 1800| 21.0 71.6 74.5 75.1 74.1 79.6 80.4 13.3 11.6 73.0 73.7 A0.1 6 E 67.1 72.4 76.9 78.7 80.0 90.1 80.1 PO.1 BO.9 80.8 919.9 80.9 90.9 78.1 80.3 79.3 1.E 17001 21.2 9001 21.3 8001 21.5 7001 21.5 69.8 79.1 8 1 . 7 A4.5 87.1 1 . P A R9.6 90.8 91.3 91.4 91.4 91.5 91.5 79.6 80.4 91.9 92.1 92.3 70.1 70.5 90.0 90.4 91.6 92.1 77.1 77.9 45.1 87.7 92.1 GE. 84.1 91.6 6 E 46.2 91.3 93.4 74.1 94.5 94.7 73.6 85.5 89.4 95.1 95.2 93.7 94.1 94.9 96.6 6001 21.5 99.1 5001 21.5 A1.0 87.3 90.4 92.9 93.3 95.5 97.0 97.0 97.1 21.1 96.9 97.3 97.3 9001 21.5 3001 21.5 70.8 7J.8 73.3 79.3 81.0 81.1 86.2 87.4 87.0 90.6 90.8 93.1 93.5 95.9 97.4 97.7 98.7 98.8 97.7 97.9 99.0 79.3 99.2 99.4 G.F 2001 21.5 70.8 91.1 86.3 97.6 90.8 9 1. 1 91.7 96 ... 27.4 94.6 98.9 93.5 1001 21.5 79.3 93.3 93.7 98.9 A1.1 86.5 47.6 91.3 01.1.5 79.1 97. 1 70.8 A1.1 47.6

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECORD: 79-87
HONTH: MAR HOURS(LST): 0600-0300 CEILING VISIBILITY IN STATUTE MILES üE 4 GE GE 3 E 6 i 51 GE GE GE 2 1 1/2 1 1/4 GE FEET 1 In 3 2 1/2 6 5 1/2 578 1/15 1/4 NO CEIL | 20.3 43.2 43.9 41.3 41.6 41.6 41.6 41.6 41.6 41 - 6 GE 200001 21.6 42.3 43.1 43.4 44.4 44.4 44.4 44.4 44.4 44.4 44.9 44.4 44.4 GE 187001 21.0 Gr 160001 21.0 43.0 44.4 44.4 44.4 44.4 44.4 44.4 44.4 44.4 44.4 44.9 44.8 44.4 42.3 43.0 43.4 44.4 44.4 44.4 44.4 44.4 44.4 44.4 64.4 44.4 44,5 14000 | 21.0 12000 | 21.0 43.7 44.8 44.8 44.5 44.8 44.8 45.5 44.8 45.5 44.5 44.4 43.4 6E 100001 22.7 47.2 43.3 48.6 49.7 49.7 49.7 42.7 49.7 47.7 49.5 51.4 52.4 49.0 52.1 53.1 90001 23.1 86001 23.4 50.3 53.1 50.0 53.1 50.0 53.1 50.0 53.1 50.0 50.0 53.1 50.0 53.1 50.0 51.1 6 € 6 € 47.6 51.0 53.1 50.0 40 t 6 70001 23.8 51.0 54.2 54.2 54.2 54.2 54.2 64.5 16 . ., 1, 5 67001 24.1 1. 5 54.9 64.7 50001 24.8 45001 25.2 ı.F 53.5 54.9 55.6 51.1 57.7 64... 58.0 58.0 58.0 4.8 . C 54.0 59. · n . GF. 58.4 63.6 17.1 14.7 19.4 54.2 55.6 56.3 54.4 63.3 58.7 64.3 58.7 58.7 64.3 5 8 . 7 5 4 . 3 64.3 FR.7 58. 54.7 . . . 40001 26.2 35301 27.6 58.0 64.3 67.6 64.T 44.3 69.2 69.6 73.8 61.9 65.7 67.5 68. 2 69.2 69.6 69.1 30061 28.3 73.1 71.7 12.0 73.5 71.4 25001 29.4 11. E H1. H H1. T 12.3 15.9 80.8 76.6 81.8 74.8 76.4 76.6 71.5 2000 is f 20001 31.1 63.4 73.4 74 . 9 78.7 79. J B1.8 P1.4 91.9 81.4 47. 0 . . . • . . 1905] 1505] 30.1 30.1 79.6 72.0 74 .1 75.5 79.4 82.2 79.7 62.5 31.5 84.6 P2.5 86.7 82.5 86.7 4 - 4 1-4 - 7 9.3.3 R. 7 15.5 19.1 A 3 . . R1. 9 46.1 PR. A 94.9 99.4 10001 30.1 12.1 12.1 2.1 15.9 77.3 F4. 5 PP.4 998| ₹3.1 868| ₹3.1 768| ₹8.1 64.6 65.7 L. F 79.7 15.3 B7.4 97.2 9). 1.1... 97..0 47.1 4 . 7 77.5 80-1 91-4 46.∂ 46.4 49.1 48.5 91. (91. 5.1 9. 42.0 91.1 71.8 14.1 47.4 73.8 73.8 74.8 79.7 74.7 73.7 5.00 L Н6.1 86.4 90.3 90.3 91.1 * 1 1 1 1 7 1 5 4 5 1 4 95.4 75.4 76.7 9 5 4 4 76 5 5 94 5 9 4701 33.1 3001 30.1 A1 - 1 9 1 17.4 +4 . I A1.1 86.4 17.4 93.2 45.7 +4.1 2001 30.1 1001 30.1 F6.4 74.7 97.4 11.1 0.1 307+1 94.7

4 * . *

47.9

26 t

16. 4

+4.1

TOTAL NUMBER OF ORGENVATIONS.

PERCENTAGE FREQUENCY OF OCCUPRENCE OF CHILING VERSUS VISIBILITY FROM HOUSELY DUSERVATIONS

STATION NUP	-		-		-						MARTI	: MAD	ре⊝: 79 Хер(н Хер(н	FL CT LE		
CETLING		• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •			IN STAT						• • • • • •	•••••
IN I	1	6 f	et.	3 E 4	*		G E	55 1 172	GE 1-174	5 E	11	5/8	58 177	7/15	16 174	į.
				••••					• • • • • • •							
NO CETE !	[H.A 4	5 . I	45.1	48.1	46	46.4	46.5	46.7	46.1	46.7	48.49	***	45.0	46.4	• • • •	
65 200 30 L I	19.7 4	1.1	41.7	48.1	44.	48.4	48.6	48.7	48.7	44.7	7	44.9	44.0	5	44.4	
of 183551	[н. т. ц	1.1	41.1	44.1	44.	48.4	48.6	48.7	49.7	44.7		44.4	44.9	3 * . *	4 1 2	4.5 * *
at 16 Gal 1	[#.: 4	1.9	47.4	48.3	49.4	48.5	48.7	48.9	44.0	48.9	49.1	+1-1	4 1	4 2 4 4	9 1	4 * * * .
65 14730)		н 🕶 🖰	44.2	44.5	49.7	44.9	40.1	49.2	49.2	49.	43.11	49.4	94.9	44.4		• • • •
FE 150001 1	19.7 4	٠.١	41.1	49.4	49.1	44. 1	49.9	51.1	50.1	* 9 - 1	• *	5 1 - 5	59. t	• •	• '	
at imment i	14.4 4	1.1	51.3	51 - b	41.0	51.9	52.1	52.3	52.3	52.3	6.5.6	43.4	5 u	٠		٠
ir ancal p	H.4 5	1	51.3	11.6	51.5	6.1.9	52.1	52.3	52.3	r 5. 4	· ~ • 0	7.7.4	50.4	1		
rt Brubli	le.u L		5 1 . 5	52.3	5 4 . 1	53.3	53.4	53.6	53.6	54.6	47.4	1.5.8	5.1.4	' ≀.⊣	1.7.4	1.1.
at I that I is	19.0	3.1	C. C. M	14.1	5.4 €	54.4	54.6	54. A	54.9	14.5	, 4 . 4	C 4 + 34	44.2	19.0	4.5	
in 60001 1	10.0	4 . !	54.7	1.5 . 3	00.0	55. 5	55.A	44.9	54.0	e.e	50.1	500 • 1	46-1	17.1	N/ + 3	* * • •
A	6. h 6.	5.6	4,5 . 4	57.4	51.5	57.9	58.1	5,9.3	50.1	54.5	. F . Q	T. R Is	4.4.4	64.4	4.4	
44 W. S. J. J.		4 6	1,1	54.4	4 a h	(H. 9	59.1	59. 1	50. 5	4.9.1	5.5 . 4	4	5. 4 . 4	٠.,4	1.4	1
F 4 251		4.5	6 . 1	61.8	63.4	61.4	61.6	61.9	61.9	11.1	1	62.1	6.1	* . • 1		٠
J. P. 1.		. н	6 . 8	63.4	4.5	54.1	64.3	64.6	64.6	64.6			6.4 . 9	Fig. 4	4 4 4 6	
er corr.	11.1	4.1	61.4	64 - 1	6.9.4	46.3	63.4	7 1. 1	1: .1	25.1	7	711.1	11,5	7		٠.
J. 20 . 1 .			61.4	71	77.1	71.5	12.0	12.6	7.5.5	77.8	11.0	11.1	7.5	*1.1	11.7	
				11.1	74.1	,	71 1	77.0	17.	77.1	1	,,,,,	11.7	77.1	7.	
15 15		. 4	, , , ,	7 t . H	14.5	20.	7 to . A	• 6	11.6	77.8	16.1	74.4	74.:	74.5	74.;	7 + .
			7	76	77.4	**.	я	91.3	81.5	91.6	42.0	42.0	87. T	6.7.		1
	4.7	. "	1	76.3	F ;	* i • *	87.7	84. S	54.F	g 4, -:	44.5	۹4.1	85. t	A 5 . 5	40.4	80. E
				14.5	- 1	47.4,	65.5	47.1	5 7 . B	88. !	g fi _ A	84.8	88.8	Po	A A	بالم مواط
		·		44		4	н 1	87.1	42.6	9.1.	. 6. и	10.4	91.11	91.4	21.1	*1.
		1,1	7 5		н.,	: t .	н А	9.1	91.0	21.7	, r.	22.1	23.	93.	91.5	
			4			4	6 H . F.	91.0	91.A	97.1	4 * 4	21.7	94.5	24.5	94.5	
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		٠.:	H 1 .	41		43. I	84,5	97.00	¥.1. A	93.1	26.0	24.1	45.5	95.5		** .*
4			4;.	٠, . ٩	H4 *	44.	27.8	۷.٠.۷	,	94.5	36.5	25.7	95.7	96.7	96.7	·+ . i
			-1.1	4				93.7		9: 5	46.1	36.4	93.1	98.)	49.3	26.0
			-1.1			4 n . €	0 4	34.0	4 . 8	20	.1.2	97.3	99.5	94.5	49.5	96.5
. ;			4; .4	6 1 . 1	н, .	46.5	91	4.3	99.2	96.4	, , , ,	91.3	49.2	20.5	49.3	6.3.4
				44.7	F 11 . 11	(H, 5	91.0	4.5	94, 1	96.1	97.A	οη. ₍₁₎	49.3	99.3	90.5	99.5
						64 ·	, 1 . ···	94.5	34	95.1	y · . n	24.0	49.5	99.1	: 0 5	110.0
- A				41.			* 1 .	* 4 . 5		75.1	4 . "	* * •	44.3	***	77.3	

The Remark Control of States

TO THE CONTRACT OF THE STATE OF

PERCENTAGE FROM HERE OF OCCURRENCE OF CETCING VERSES VISIBILITY FROM HOUSEY OBSERVATIONS

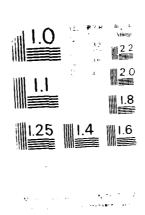
ATE SEATHER SERVICES

F: 010: 0F 01CORO: 79-87 STATION NOMES OF THEFT IS STATION NAMED OF DROWN AV MONTH: MAD HOURS(EST): 12JD-14(3 STRUCT VISIBILITY IN STATUTE MILES IN THE FORM OF CORRESPONDING FOR SECURITY IN STATUTE MILES OF CORRESPONDING FOR THE MILES OF CORRESPONDING FOR THE MILES J. 16 180 58 174 1/2 5/16 5/8 39.7 49.7 14.1 W GILL Late. 12.1 39.7 19.1 10.7 19.7 39.7 19.7 39.7 43.9 43.9 44.1 43.7 47.1 47.7 4 7 . 12 4 7 . 3 43.9 43.9 44.1 4 t. 3 43.9 45.1 43.1 43.9 43.9 41.9 41.9 F 16 7 1 19. 41.6 43.0 44.1 44.6 43.9 44.1 43.4 43.7 43.4 44.1 44.1 44.1 44.1 44.1 44.1 44.1 44.6 44.6 44.6 44.6 44.6 44.2 40.5 44.6 44.5 44.6 44.6 44. 45.1 45.1 45.1 44.4 45.1 4 7 . 1 47.23 47.6 47.7 47. 9 41.9 47.9 47.9 47.9 47.7 1.3 47.3 53.1 47.4 51.4 51.5 41.1 48.1 4m. 1 48.1 48.1 48.1 49.1 49.1 48.1 43.1 48 + 1 44.1 4 - . : 51.9 51.1 51 1 51.1 51.1 51.1 51.1 41. 51.1 51.1 93.9 51.9 . 2 . 9 51.6 52.9 52.6 62.9 51.7 52.3 42.4 52.6 52.9 5 . 1 . 20 . 4 41 . 21 . 21 . 2 42 . 21 . 21 . 7 52 . 22 . 4 32 . 22 . 4 44. 54.5 55.4 50.6 54.6 54.6 54.5 55.4 58.6 53.4 55.3 54. 1 54.3 54.6 54-6 54.6 55.1 13.9 59.1 55.1 55.4 55.4 55.4 55.4 55.4 55.4 54.5 54.8 57.8 60.3 58.6 51.1 55.4 54.4 57.4 59.7 48.3 60.8 58.5 60.8 58.6 58.6 58.6 58.6 59.6 61.1 61.1 65.6 47. 61.9 69. 3 69.3 69.6 69.6 69.6 69.6 69.6 69.6 69.6 19.5 10 ml 24.3 72.1 74.8 74.8 77.1 75.3 76.5 78.5 75.5 78.8 12.5 15.5 15.5 74.5 77.5 77.5 75.8 79.1 75.8 79.1 75.8 79.1 75.9 79.1 75.8 79.1 75.8 79.1 75.3 79.1 75.8 79.1 , 75.5 16.3 79.1 H1.0 78.8 79.1 79.1 79.1 79.1 79.1 79.1 79.1 · . . . 10001 . 4. . 95.5 82.5 83.6 93.8 1). 81.5 92.6 81.3 85.6 83.6 93.A 1- 10 1 24.2 +21 24.2 4-21 24.2 89.3 4.1.1. 6...5 83.8 82.1 82.6 83.1 65.8 86.3 89.0 89.5 91.0 89.1 99.3 44.3 83.6 67.1 88.1 89.0 89.0 E4. 1 ٠.. 84.1 89.5 91.0 89.5 91.2 90.2 90.5 9).2 91.9 6,7 86.8 88.3 90.0 91.7 7.01 24.2 6 31 24.2 81.5 67.5 89.1 90.2 92.0 93.2 92.5 93.3 91.1 41.3 85.1 89.7 92.0 A5 . 6 36.1 500) 24.2 630) 24.2 480) 24.2 61.8 91.8 81.8 88.1 88.5 88.5 70.5 40.7 41.3 92.7 93.0 93.3 96.2 97.5 98.5 98.5 94.3 75.7 84.3 95.8 94.0 94.0 84., 45.8 85.8 95.U 95.3 95.8 96.2 96.7 96.8 97.2 97.3 97.5 95,0 95.3 1,1 94... 1301 24.2 84.3 85.8 95.5 96.3 A1.9 88.6 91.0 84.0 99.2 is E 1001 24.2 95.8 88.6 91.0 91.1 95.5 95.5 96.3 47.2 27.1 96. 91.0 01 24.2 81.8 85.8 88.6 91.3 47.3 27.3

TOTAL NUMBER OF ORSERVATIONS .

5 20

AD-A190 355 2/2/ UNCLASSIFIED NE.



PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

511	TION N	UMBER:	143700	STATI	CN NAME:	FT D	RUM 47					PEP100		0PD: 79	-07 (L51);	1500-17	ກວ
				•••••	•••••								• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •
	LING						c -			IN STATE							
	N I		G.E.	3 E	G E	GE.	6E 2 1/2	GE	GE 1 1/2	GE	G E 1	Γ.Ε ₹ / 4	G E. 5 / 8	GE 1/2	5/16	GE 1/4	ù f
_			6	5	4								3/6	1/2			f,
• • • •	••••	• • • • • •	• • • • • • •	•••••		• • • • • •	•••••			• • • • • • • • •						• • • • • •	••••
N O	CEIL	17.4	37.2	37.2	37.2	37.2	11.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	31.2
G E	100005	18.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41-1	41.1	41.1	41.1	41.1
ĠĒ.	100001	18.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GΕ	160001	18.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41-1	41 - 1
GE	140001	18.8	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	47.3	42.3	42.3	42.3	4 5
GE	120001	18.8	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	47.5	42.5
6 E	100001	20.0	46.7	45.9	46.9	46.7	46.9	46.9	46.9	46.9	46.9	45.7	46.9	46.9	46.9	46.9	45.4
ЬE	90001	20 • 5	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.7	47.9	47.9	47.9	47.9	47.9
GΕ	80001	20.8	50.1	53.4	50 • 4	59.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GΕ	7000		51.6	51.8	51.8	51.8	51.8	51.9	51.8	51.4	51.8	51.º	51.8	51.3	51.8	51.8	51.5
(, E	6000	21.3	51.6	51.8	51.8	51.9	51.8	51.8	51.8	51.8	51.8	51.8	21.8	51.8	51.8	51.8	51.e
GF	5000	22.2	54.8	55.3	55.0	55.0	55.0	55.0	55.0	55.D	55.0	55.0	55.0	55.0	55.0	55.3	55.5
G E	45001		56.0	55 + 2	56 • Z	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
6 E	40001		59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.0	60.9	63.9	60.9	60.9	60.7
GЕ	35001		62.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	6.5 - 8
GE	30001	25.4	67.7	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.1	69.7	69.7	69.7	69.7	69.7
GE	25001	25.9	72.4	74 - 1	74 - 1	74.9	74 . 8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
6.5	2000		75.1	75.8	77.0	78.	79.7	79.2	79.5	19.5	79.5	79.5	79.5	79.5	79.5	70.5	79.5
GF	18001	25.9	75.3	77.0	77.3	78.7	79.U	79.5	79.7	79.7	79.7	79.7	79.7	79.7	19.1	79.7	79.7
ЬE	1500	26.2	16.5	79.5	78.7	80.9	81.7	82.4	82.6	52.6	A2.6	82.6	R2.6	82.6	F2.6	82.6	B2.6
űΕ	12001	26.2	79.C	83.9	81.2	83.4	84.6	85.3	85.6	¤ 5 . 6	85.6	85.6	85.6	85.6	A5.6	85.6	P5.6
GE	10001	26.2	77.5	82.2	82.4	85.3	86.8	87.8	88.3	89.5	89.8	98.8	88.8	89.8	8.8	8.8	8.8
GE	9001	26.2	90.0	82.6	82.9	86.3	A7.8	8.88	89.2	89.5	89.7	9 n . a	90.0	90.0	90.0	90.0	90.0
GE	A OC 1	26.2	A O • 4	83.1	R3.4	67.~	89. J	90.2	91.0	91.2	91.9	97 . ?	92.2	92.2	92.2	92.2	92.2
ьE	700 [26.2	90.4	83.1	83.4	87.0	39.0	90.2	91.4	91.7	72.4	97.9	92.9	92.9	92.9	92.9	92.9
ЬE	6 201	26.4	81.2	83.9	84.1	87. "	90.0	91.2	92.9	93.2	94.1	94.6	94.6	94.6	94.6	94.6	94.6
GF.	5001	26.4	91.4	64.1	84.4	89.0	91.2	93.2	94.9	95.1	96.1	96.6	96.6	96.6	96.8	96.8	96.8
GE		26.4	81.4	84 - 1	84.4	83.	91.2	93.2	94.9	95.4	96.3	96.8	96.8	97.1	97.6	97.6	97.6
GΕ		26.4	91.4	84 - 1	84.4	89.7	91.2	93.2	94.9	95.4	96.3	96.8	96.8	97.1	97.6	97.6	97.6
6 E		26.4	R1.4	84 - 1	84.4	89.3	91.2	93.2	95.4	95.8	96.8	97.7	97.3	97.6	98.3	98.3	98.3
G.F.	1001	26.4	91.4	84.1	84.4	89.0	91.2	93.2	95.4	95.8	96.8	97.3	97.3	98.0	98.8	99.0	130.0
66	ni	26.4	91.4	84.1	84.4	89.3	31.5	93.2	95.4	95.3	96.8	97.3	97.3	98.0	98.8	99.0	130.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

-		•	743700	_	-							PER10U Month	: HAR	POURS	(LST):	ALL	
	LING	• • • • • •	• • • • • • •		•••••	• • • • • • •	• • • • • •			IN STATE		. .	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •
FE		TO GE	GE 6	3 E 5	6 <u>5</u> 4		6 E 2 1 / Z	S GE		GE 1 1/4	6Ε 1	75 E 3/4	Ωξ 5.78	GE 1/2	GE 5/16	GE 1/4	GE U
·	CEIL I		41.0	41-1	41.4	41.5	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8
G.F.	200001	19.5	44.1	44.2	44.5	44.7	44.8	44.8	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.U
	180001		44.1	44.2	44.5	44.7	44.8	44.8	44.9	44.9	44.9	45.0	45.0	45.0	45.J	45.0	45.0
GΕ	16000	18.5	44.2	44.3	44.6	44.R	44.9	45.0	45.0	45.0	45.0	45 . 1	45.1	45,1	45.1	45.1	45.1
GE	140001	18.6	44.6	44.8	45 - 1	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7
G E	120001	18.8	45.2	45.4	45.7	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3
G E	100001	19.5	48.3	49.6	48.9	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4
6 E	90001	19.7	48.6	43.9	49.2	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.B	49.8
ĿΕ	80001	20.1	50.8	51.2	51.6	51.7	51.9	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
UΕ	10001	20.5	51.8	52.4	52.7	53.0	53.0	55.1	53. t	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
G F	60001	20.9	52.4	53.0	53.3	53.6	53.7	53.8	5 3. 9	53.9	53.9	5 4 + D	54.0	54.3	54.0	54.0	54.0
G E	50001	21.6	54.3	55.1	55.5	56.0	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
GΕ	45 00 i	21.9	55.3	56.3	56.5	56.9	57-1	51.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
ű E	40001	22.3	58 . 1	59.3	59.8	60.3	60.6	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1
GF	35001		60.8	62.2	62.7	63.2	63.6	63.8	64.1	64.1	64 - 1	64 - 1	64.1	64.1	64.1	64.2	64.2
υE	3000 (24.1	65.8	67.9	68.5	69.3	69.7	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6
6 E	25001	24.5	69.5	71.7	72.4	73.5	73.9	74.3	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9
GΕ	50.001	24.7	72.3	74 -5	75.3	76.9	77.6	78.3	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1
ĿΕ	19001	24.7	72.6	74.9	75.6	77.2	78 · D	78 - 7	79.3	19.5	79.5	77.4	79.4	79.4	79.4	79.5	19.5
G E	1500		74.2	77.2	78.1	80.3	91 • 2	82.4	83.1	83.2	83.3	83.4	83.4	83.4	93.4	83.5	83.5
6 E	12001	24.8	75.6	79.3	83.3	82.6	83.8	85.1	86.2	86.3	86.4	86.5	86.5	85.5	86.5	86.6	86.6
G E	10001	24.9	76.3	B - C 8	81.5	84.3	95 + 6	87.1	68.4	88.6	89.9	99.1	89.1	89.1	89.1	89.2	99.2
GE		24.8	76.8	83.7	82.2	85.2	96.5	88.0	89.4	89.6	89.9	9n.3	90.3	90.4	90.4	90.4	90.4
Ģ Ē		24.8	77.1	61.1	82.6	85.9	87.4	89.1	90.8	91.1	91.5	92.1	92.2	92.3	92.3	92.4	92.4
GE		24.9	77.5	81.5	A3.3	86.3	47.8	89.7	91.5	91.9	92.5	93.1	93.2	93.5	93.6	93.7	93.7
G E	6001	24.9	78.0	82.3	83.6	A7.0	88.8	90.8	92.8	93.2	94.0	04.7	94.8	95.1	95.2	95.3	95.4
GE	500 (24.9	79.2	82.3	83.8	87.5	99.4	91.7	93.8	94.1	95.U	95.7	95.8	96.3	96.4	96.5	96.6
GE		24.9	78.2	82.3	83.9	87.6	39.5	91.9	94.3	34.8	95.7	95.5	96.6	97.3	97.5	97.6	97.6
ŋΕ		24.9	78.2	82.4	83.9	87.7	89.6	92.0	94.6	44.0	96 • U	96 • R	96.9	97.6	97.8	98.0	96.1
6E		24.9	78 • 2	82.4	83.9	87.7	89.7	92.1	94.8	95.7	96.5	97.3	97.4	98.3	98.6	98.8	98.9
GE	1001	24.9	78.2	82.4	83.9	87.7	89.7	97.1	94.9	95. 1	96.6	97.4	97.5	98.5	98.8	99.3	99.7
υE	n I	24.9	78.2	82.4	83.9	87.7	89.7	92.1	94.9	95.3	95.6	97.4	97.5	98.5	98.8	99.1	100.0

PERCENTAGE FRIQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF PECORD: 79-87 MONTH: APR HOURS(LST): 0607-0960 VISIBILITY IN STATUTE MILES
GE GE GE GE
2 1 1/2 1 1/4 1 CEILING CEILING IN I GE FEET I 10 GE GE SE G E. G : GE G ξ 5 / 8 G.E 6 3 2 1/2 3/4 1/2 J NO CEIL 1 22.6 46.5 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 uf 200001 23.2 48.1 44.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7 49.7 49.7 49.7 48.7 48.7 4A.7 44.7 48.7 GE 180001 23.2 48.1 48.7 48.7 49.7 48.7 48.7 48.7 160001 23.2 GE 48.1 49.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7 48.7 49.7 48.7 40.7 49.1 14000| 23.2 12200| 23.2 49.4 49.4 50.0 49.4 49.4 49.4 49.4 49.4 49.4 49.4 50.0 50.0 50.0 50.0 50.0 GE 100001 24.2 52.3 53.5 53.5 53.5 53.5 53.5 53.5 53.5 53.5 5 7 . 5 53.5 53.5 53.5 5 5 . 5 53.5 9000| 24.2 8000| 24.8 7000| 25.2 54 • 2 57 • 7 59 • 1 52.9 56.5 54 • 2 57 • 7 54.2 57.7 54.2 57.7 54.2 57.7 54.2 57.7 54.2 57.7 54.2 57.7 54.2 57.7 54.2 51.7 54 • 2 57 • 7 54.2 57.7 54.2 (+ E 54.2 51.1 6 E 56.8 58.1 58.1 58.1 58.1 58.1 58.1 58.1 59.1 58.1 58.1 58.1 60001 25.2 58.1 58.1 50001 25.2 60.3 61.6 61.6 61.6 61.6 61.6 61.6 61.6 61.6 61.6 45001 26.1 40001 26.1 62 • 6 65 • 5 63.9 66.8 63.9 63.9 63.9 65.8 63.9 U.E. 63.9 63.9 63.9 63.9 63.9 63.9 66.8 66.8 66.8 66.8 66.8 66.8 66 · 8 GΕ 35001 27.4 68.7 73.0 70.3 10.3 70.3 70.3 74.5 70.3 70.3 77.3 70.3 70.3 73.3 73.3 72.3 73.9 74.2 74.5 74.5 74.5 74.5 74.5 74.5 74.5 74.5 74.5 74.5 25001 29.7 75.2 77.1 77.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 79.4 78.4 78 . u 76.4 6 E 20001 30.6 77.4 83.3 81.0 81.9 81.9 81.9 82.3 82.3 82.3 82.3 A2.3 82.3 82.3 82.3 82.9 82.9 85.2 87.7 82.9 85.2 87.7 GE GE 1800 | 31.0 78 - 1 79 - 4 81 . Ú 81.6 83.2 82.6 82.6 84.5 82.6 84.5 82.9 85.2 82.9 85.2 82.9 85.2 82.9 85.2 82.9 85.2 85.2 85.2 1200 | 32.3 GΕ 80.6 83.5 88 . I 84.8 86.1 86.1 86.5 88.1 84 • 5 84 • 5 85.8 85.8 87.4 87.4 87.4 87.4 87.7 89.4 89.4 89.4 89.4 89.7 90.0 89.7 90.0 GΕ 10001 32.3 81.0 89.7 89.7 900 | 32.3 81.0 90.0 90.0 90.0 90.0 8001 32.3 7001 32.9 81.3 82.3 84 • 9 85 • 8 88.1 85.1 89.0 88.4 89.4 90.3 91.3 90.3 91.3 91.0 91.0 91.9 91.0 91.0 GF 91.0 91.0 91.0 91.9 6001 33.2 GE 83.2 85 . 8 88 - 1 90.6 91.3 91.9 94.8 94.8 500| 34.2 400| 34.2 GE GE 93.9 94.8 95.2 84.2 87.7 87.7 89.3 89.3 91.7 92.9 93.5 96.1 97.1 96.9 97.1 98.4 97.1 98.4 97.1 98.4 98.7 96.1 97.1 96.9 98.1 96.8 98.1 97.1 GE 3001 34.2 84.2 87.7 89.J 92.9 93.9 97.4 97.4 98.4 98.7 98.7 98.7 98.1 98.4 200 | 34.2 97.4 97.4 98 • 1 99 • 1 GΕ 84.2 87.7 89.0 92.9 99.0 99.0 99.4 GΕ 01 34.2 89.0 92.9 93.9 97.4 95.2 97.4 9.1 98.4 98.4 99.0 99.0 99.7 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

5 7 4	TION N	UMPER:	743700	STATI	ON NAME	: FT D	RUM NY					PERIOD MONTE		OPD: 79 HOURS	~07 [[ST]:	0900-11	CO
	LING	• • • • • •	• • • • • • •		•••••		• • • • • •			IN STATE		 E.S	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •
1	IN I	33	GE	GE	GE	30	6:	GE	GΕ	GE	GE.	6.6	CE	GE	GE	GE	GF
_	1 13						2 1/2	2	1 1/2			7/4	;/g	1/2	5/16	1/4	0
N O	CETL	16.1	40.8	43.8	43.8	40.9	40.8	40.8	40.8	40.8	40.8	4C.A	40.8	43.8	40.8	40.8	40.8
GΕ	200001	17.5	45.6	45.6	45.6	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE	18000	17.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE	160001	17.5	45.6	45 . 5	45 . 6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
6E	140001	17.5	46.2	45.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
ĿΕ	120001	17.5	46.9	45.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.7	46.9	46.9	46.9	46.9
GΕ	100001		48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48 • B	48.8	48.8	48.8	48.8	48.8
ijΕ	90001		50.8	53.8	50.8	50.9	5U•8	50.8	50.8	50.8	50.B	50.8	50.8	50.8	50 • 8	50.8	50.8
GΕ	8000		53.5	53 • 7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
ЬE	7000		54.0	54.2	54 - 2	54.4	54. 4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE	60 00 I	18.8	55.1	55.3	55.3	55.5	55 • 5	55.5	55.5	55 • 5	55 • 5	55.5	55.5	55.5	55.5	55.5	55.5
G E	50001	19.1	57.4	57.8	57.8	59.0	56.0	58.0	58.0	58.0	58.€	58.0	58.0	58.0	58.0	59.0	56.0
GΕ	4500		58 . 7	59 • O	59 • G	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
δE	40001		61.5	65.1	62.3	62.4	62 • 6	62.8	62.B	62.8	62.8	62.8	52.8	62.8	62.8	62.R	62.8
GΕ	35 00		65.1	65.7	65 • 8	66.4	66.5	66.9	66.9	56.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE	30 on 1	21.3	64.3	69.4	69.6	70.5	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GΕ	25001	21.8	71.0	72.3	72.5	73.7	74.2	74.8	75.0	75.0	75.6	75.0	75.0	75.0	75.0	75.0	75.0
GΕ	20001		73.9	75.7	75.8	77.3	78.0	78.5	78.9	79.1	79.1	19.1	79.1	79.1	79.1	79.1	79.1
GE	1900		74.6	75.4	76.6	78 • J	78.7	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.B	77.8	79.8
6E	15001		76.7	78.9	79.4	81.5	82.3	82.8	83.4	83.5	A3.5	93.5	93.5	83.5	A3.5	83.5	83.5
6E	15001	23.6	78.4	83.5	81.0	83.5	84.3	84.8	85.3	85.5	45.5	85.5	85.5	85.S	95.5	85.5	85.5
G E	inont	24.0	79.8	82.5	83.2	66.0	46.8	87.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2	89.2	88.2
GΕ	9001	24.0	83.U	8.58	83.5	86.6	87.3	87.8	89.6	88.7	88.7	89.7	98.7	88.7	88.7	58.7	88.7
ĿΕ		24.3	81.2	84.1	85.2	88.4	89.3	89.8	90.5	90.7	90.7	97.7	90.7	90.7	90.7	90.7	90.7
GE		24.3	81.6	84.6	85.7	89.1	9C • 0	90.5	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
G E	6001	24.3	45 • 1	85 - 5	87.1	90.7	92 · 1	92.8	93.7	94.1	94.1	94.3	94.3	94.5	94.6	94.6	94.6
6 E	5001	24.7	83.0	85.6	88 • 2	92.A	94.5	95.2	96.1	96.4	96.4	96.8	96.8	97.0	97.1	97.1	97.3
úΕ		24.7	83.0	85.6	88.5	93.6	95.2	95.9	97.1	97.5	97.5	97.9	97.9	98.0	98.2	98.2	98.4
GΕ		24.7	83.G	85.6	88.5	93.5	95.2	96.1	97.3	97.7	97.7	98.2	98.2	98.4	98.6	98.6	98.9
Gf		24.7	A3.0	85 • 6	88.6	93.6	95 • 2	96.1	97.3	97.7	97.7	98.2	98.2	98.4	98.6	98.7	99.1
G E.	1001	24.7	83.0	85.5	88.6	93.6	95 • 2	96.1	91.3	97.7	91.9	99.4	78.4	98.6	98.7	90.1	99.8
GΕ	0.1	24.7	83.0	85.5	98.6	93.6	95 • 2	96.1	97.3	97.7	97.9	99.4	98.4	98.6	98.7	99.3	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

STATION NUMBE	R: 743700	ST 41 I	ON NAME:	: FT 0	RUM NY					DOIFS		97 : DRC 28UG4	-87 (LST): .	1200-1*	פמ
											• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •
CEILING								IN STATE							
IN GE	G£.	3.5	GF .	GΕ	6	G E	G.E.	GE	GE	56	SI	GE	GE	GE	C.E.
FEET I L		5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	6
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •		••••••		• • • • • • •				• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • • • • •
NO CEIL 14.	5 40.0	43.1	40.1	40.1	40 • 1	40.1	40.1	40.1	40.1	47.1	40.1	40.1	40 • 1	40.1	43.1
66 200001 16.	7 46.4	45.6	46.5	46.6	46.6	46.6	46.6	46.6	46.6	44.6	46.6	46.6	46.6	46.6	46.0
GE 180001 16.	-	45.5	46.5	46.6	46.6	46.6	46.6	46.6	45.6	46.6	46.6	46.6	46.6	46.6	46.6
UE 160001 16.	7 46.4	45 . 6	46.6	46.6	46 . 6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 14500 16.	7 46.4	45.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	45.5	46.6	46.6	46.6	46.6	45.6
GE 15000 16.	47.0	47.1	47.1	47.1	47.1	47.i	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
UE 10000 17.	49.8	50.0	50.0	50.0	50. D	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	< ζ • ὑ
6E 9000 17.		50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	57.5	50.5	50.5	50.5	50.5	50.5
GE 8000 13.		54.8	54.8	54.8	54 • 8	54.8	54.8	54.8	54.8	54.B	54.8	54.8	54.8	54.8	54 + 13
6E 7000 18.	55.0	55.2	55 . 2	55 • 2	55.2	55.2	55.2	55.2	55 • 2	55.2	'\ 5 • Z	55.2	55.2	55.2	55.7
GF 60001 18.	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 50001 18.	57.5	57.9	58 • 1	58.1	58 - 1	58 - 1	58.1	58.1	58 • 1	59.1	58 - 1	58.1	58.1	56.1	58.1
GF 45001 19.	3 58.6	59.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	50.3	59.5
GE 40001 19.		61.8	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4
DE 35001 21:		65.1	65.2	65.4	65.4	65.4	65.4	45.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6
GE 30001 22:	68.6	69.7	73.3	70.4	70.4	70.6	70.6	70.6	70 . 6	70.4	70.8	70.8	70.8	70.8	75.8
GE 25001 22.	72.0	73.3	74.0	74.4	74.4	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74 - 7	74.7	74.7
6E 20001 23.	74.7	75.3	77.2	77.5	17.6	77.8	78.U	76.0	76.0	79.3	78.3	78.3	78 - 3	79.3	78.3
DE 18001 23.	7 75.4	77.1	78.0	78.3	78.3	78.5	78.7	78.7	78 - 7	79.0	79.0	79.0	79.0	79.0	79.0
GE 1500 24.	? 79.0	81.5	82.6	83.2	H3.2	83.3	83.5	83.5	A3.5	83.9	83.9	83.9	A3.9	83.9	83.9
DE 12001 24.	7 BD.6	83.3	84.4	85.1	85 - 1	85.3	85.5	85.5	85.5	85.8	95 • 8	85 • 8	A5 • B	85.A	85.8
GF 10001 24.	9 AL.7	84 . 8	85.8	86.7	86.9	87.3	87.5	87.5	87.5	37.A	37.8	87.8	97.8	87.8	87.8
GE 9001 25.		85.0	87.3	88.2	88-4	88.7	89.1	89.1	89.1	89.4	89.4	89.6	89.6	90.0	93.0
GE 8001 25.		87.6	89.1	90.0	90.1	90.7	91.0	91.0	91.2	91.6	91.6	91.9	91.8	92.1	92.1
UE 7001 25.		87.5	89.4	90.5	70.9	91.8	92.1	92.1	92.7	93.0	93.D	93.2	93.2	91.5	93.5
61 6001 25.		83.7	90.5	91.9	92.7	93.5	94.1	94.1	94.5	95.5	75.5	95.7	95 • 7	96.2	96.2
											- •				
GE 5001 25.	96.7	91.0	92.8	94.4	95.2	96.1	96.8	96.8	97.3	98.4	98.4	99.6	08.6	99.1	99.1
OF 400 25.	8 86.9	91.2	93.0	94.6	95.3	96 . 2	97.1	97.1	97.7	98.7	98.7	98.9	98.9	99.5	99.5
GE 1001 25.	n 86.9	91.2	93.0	94.5	95.3	96.2	97.1	97.1	97.7	98.7	78.7	98.9	98.9	99.5	99.6
GE 2001 25.	86.9	91.2	93.0	94.6	95 - 3	96.2	97.1	97.1	97,7	99.7	98.7	98.9	98.9	99.5	99.6
GF 100 25.	9 46.9	91.6	93.0	94.5	95.3	96.2	97.1	97.1	97.7	99.7	98.7	98.9	98.9	99.5	99.8
GE 01 25.	8 86.9	91.2	93.0	94.6	25.3	96.2	97.1	97.1	97.1	98.7	98.7	98.9	98.9	99.5	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STA	TION	I NI	JMRER:	743700	STAIL	ON NAME:	FTD	RUM 44					PERIOD					
													MONTH	•		(LST):		
Ė	LING				• • • • • •	•••••		• • • • • • •			IN STATE				• • • • • • •	• • • • • •	• • • • • • •	• • • • •
I	N	- 1	GE	G E	SΕ	3 E	GE	6:	GŁ	G 5	SŁ	61	SE	GE	G£	SE	SE	GE
FΕ	13	1		ŧ.	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	
• •	• • • •	• • •	• • • • • •	• • • • • • •	•••••		• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • •
0	CEIL	. 1	17.9	44.U	44.0	44.0	44.0	44.0	44.D	44.0	44.0	44.0	44.0	44.0	44.0	44.3	44.0	44.
-	2000	n t	14.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.
			18.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49
F	1600	1 0	18.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49
Ę	1400	101	18.8	49.5	47.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	4.7
F	1500) n J	19.0	49.7	49 • 7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	44.7	49
	1096	101	19.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	5.5
			20.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55 • 7	55.7	55.7	55.7	55.7	55.7	5,5
	800	001	22.3	58.7	59.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	54.7	58.7	58 • 7	58.7	58.7	۲, ۵
E	700	no i	22.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	τ, ψ
E	600	10	23.1	60.1	63.1	60 - 1	60.1	60.1	60.1	60.1	60 - 1	60.1	60.1	60.1	60.1	60.1	67.1	60
-	500	no (23.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.D	63.0	63.0	63.0	6.3
	450	0.1	24.5	63.6	63.6	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	61.6	6.3
	400	0.1	25.0	66.6	67.1	67 - 1	67.1	67.1	67.1	67.1	67.1	67.1	57.1	67.1	67.1	67.1	67.1	67
E	350	1 0	26.4	70.4	73.9	73.9	70.4	70.9	70.9	70.9	70.9	70.9	13.9	75.9	72.9	70.9	77.9	7.0
F	30.0	101	21.7	75.8	75.6	76 • 9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	16.9	76.9	76.9	16
Ę	256	0	29.5	79.9	61.3	81 - 3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	н1.3	81.3	A1.3	81.3	81.
Ε	200	n I	29.1	81.0	82.3	82.6	82.7	82.9	82.9	83.2	83.7	A3.2	93.2	83.2	93.2	93.2	83.2	93.
F			29.3	81.5	85.3	83.2	83.4	83.4	83.4	83.7	83.7	83.7	93.7	93.7	83.7	A 3 . 7	83.7	# 3
	150	n (29.9	95.6	87.3	87.2	87.5	87.5	87.5	87.8	87.8	A 7 . B	87.R	97.B	87.8	P7.8	87.9	A 7
	120	n I	30.2	87.0	83.3	88 - 6	89.9	88.9	88.9	89.1	69.1	A9.1	89.1	A9.1	87.1	89.1	89.1	цa
ī	100	0 1	30.2	88.9	93.5	90.8	91.0	91.3	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91
E	90	io I	30 • 4	99.7	91.6	31.8	92.1	92.1	92.1	92.4	92.4	97.4	97.4	92.4	92.7	92.1	92.9	92
F	9 ()	101	30.4	90.2	92.1	92.9	93.2	73.2	93.2	93.5	93.5	93.5	99.0	94.0	94.3	94.3	94.6	94
Ε	7 3	1 O	50.4	93.2	92.1	93.2	91.5	93.5	93.9	94.3	94.3	94.3	94.A	74.B	95.1	95.1	95.4	95
3	6.0	01	30.7	93.8	92.7	93.8	94.7	94.3	94.8	95.4	95.4	95.4	45.9	25.9	96.2	96.2	96.5	96
			30.7	91.8	94.0	95.1	95.4	95.4	96.5	97.8	97.8	97.8	98.4	98,4	28.6	98 • 6	99.9	9.8
F			30.7	91.8	94.0	95 • 1	95.4	95.4	96.5	97.8	97.8	97.8	99.4	98.4	98.0	98.6	94.9	9 5
F,			30.7	91.8	94.7	95 • 1	95.4	95.4	96.5	97.8	97.8	97.8	98.4	98.4	99.6	98.6	99.2	99
Ε			311. 7	91.8	94.0	95 - 1	95.7	95.7	96.7	98.1	98.1	98 • 1	98.6	78.6	98.9	98.9	90.5	99
F.	10	ın J	30.7	91.8	94.3	95 • 1	95.7	95.7	96.7	98.1	98.1	99.1	99.6	98.6	98.9	98.9	99.5	100
E		91	39.7	91.8	94.3	95 • 1	95.7	25.7	96.7	98.1	98.1	99.1	₹9.6	3A.6	98.9	98.9	99.5	100

PERCENTAGE FREQUENCY OF OCCURPENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

			743700			_						PERTOU HINDM	: APP	HOURS	(LST):	ALL	
	LING	• • • • • •		• • • • • •	•••••	• • • • • • •	• • • • • •			IN STATE		 55	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••
Ι Ε	N I		6 E	5 ξ 5	GE 4	, 39	6: 2 1/2	G E	65 1 1/2	GF 1 1/4	G F	6E 374	G E 5 / 8	GE 1/2	5719 64	GE 1/4	G F
0	CEIL I	17-1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	4.2 - 3	42.3	42.3	42.3	42.3	42.
Ε	100001	18.5	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.7	47.2	47.2	47.2	47.2	47.2	47.
	100081	18.5	47.0	47.2	47.2	47.2	47.2	47.2	41.2	41.2	47.2	47.2	47.2	47.2	41.2	47.2	47.
F.	160001	18.5	47.0	47.2	47.2	47.2	47.2	47.2	47.2	41.2	47.2	47.2	47.2	47.2	41.2	47.2	47.
Ε	140001	18.5	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.
E	120001	18.6	47.9	43.1	48.1	48.1	48.1	48.1	48.1	48.1	49.1	40.1	49-1	48 - 1	48.1	48.1	4.8
	100001	19.0	50 • 6	53.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	57.9	50.9	50.9	53.9	50.9	50
	90001	19.6	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.3	52.3	52.3	57.3	5.2
	80001	20.2	55.4	55.8	55.8	55.8	55 B	55.8	55.8	55.8	55.8	55.8	55.8	55.A	55.8	55.0	55
	70001	20.4	55.9	55 . 3	56 - 3	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.3	55.3	6.3	56.3	5.6
	6000 l	20.6	56 . 4	55.8	56 • 8	56.9	56.8	56.8	56.8	56.8	56 . 8	56.4	56.8	56.9	56.8	56+8	5.6
	50001	2 t • N	59.1	57.6	59.6	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.1	5.9
	45001	21.6	60.3	63.8	60.8	60.7	60.9	60.9	60.9	60.9	60.9	50.9	63.9	67.9	63.9	60.9	51
	40001	22.2	63.1	63.5	64.0	64.1	64.1	64.2	64.2	64.2	64.2	54.2	54.2	64.2	64.2	64.2	63
	3500	23.2	66.6	67.3	67.5	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	6
	30001	24.3	70-6	71 - 5	72 - 1	12.5	72.5	72.7	12.8	72.A	72.8	72.A	12.8	12.8	72.8	1: • 8	1,
	25501	24.9	73.9	75.2	75 • 6	76.3	76.4	76.7	16.7	76.7	76.1	76.3	76.8	75.8	76.8	76.9	7 6
	20001	25.5	76.2	79.1	78.6	79.3	79.6	79.8	80.1	80.1	4J.1	89.2	80.2	83.2	80.2	80.2	8
	18001	25.R	76.9	79.7	79.2	80.0	90.2	90.4	80.7	8 Ú • A	8.CP	91).9	RD.9	93.9	80.9	g n . 9	R (
	15001	26.3	79.7	81.9	82.7	83.8	84.D	84.2	84.6	84.7	84.7	84 . B	84.6	84.8	84.8	84.8	94
	12001	26. A	A1.2	83.5	84 • 3	85 • 5	85.8	86.1	86.6	86.6	86.7	96.8	86.8	46.4	86.8	86.8	Я (
	Inoni	27.0	82.5	85.2	86 . J	87.5	87.8	88.1	88.7	8 - 8	88.9	99.0	89.0	89.0	99.0	89.3	8 9
	9001	27.2	83.0	85.9	86 . 8	88.4	A8. P	89.3	89.6	89.7	99.H	B9.9	87.9	90.0	90.0	90.2	9 (
	- •	27.4	94.0	87.0	88 • 1	89.8	90.1	90.5	91.3	91.3	91.5	91.7	91.7	91.9	91.8	97.0	9.
		27.5	84.3	87 - 3	88.6	90.4	90.8	91.4	92.1	92.2	92.5	92.1	92.7	92.8	92.8	93.0	9
	6001	27.6	95.0	89.2	89.7	91.4	92.5	93.3	94.3	34.4	94.7	95.1	95.1	95.1	95.5	95.5	ġ í
	500 f	27.9	86.2	87.7	91.2	93.7	94.6	95.5	76.7	96.8	97.6	97.6	97.6	97.8	97.9	98.1	9 5
		27.9	86.2	87.7	91.4	94.1	95.0	95.9	97.3	97.4	97.7	94.3	99.5	99.5	98.6	98.8	9.8
		27.9	86.2	87.7	91.4	94.2	95.U	96.0	97.4	97.5	97.8	98.4	98.4	98.7	98.7	99.0	99
		27.9	86.2	87.7	91.4	94.2	95 • 1	96.1	97.4	97.5	97.8	99.5	98.5	98.8	98.8	99.2	9 9
	1001	27.9	86 • 2	89.7	91.4	94.7	95.1	96.1	97.4	97.5	91.9	99.6	98.6	99.8	98.9	99.3	9 9
		27.9	86.2	89.7	91.4	94.2	95.1	96.1	97.4	97.5	97.9	99.6	98.6	98.8	98.9	99.4	100

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 79-86
HONTH: MAY HOURS (LST): 0600-0800 STATION NUMBER: 743709 STATION NAME: FT DRUM MY VISIBILITY IN STATUTE "ILES
GE GF GE GE GE
2 1 1/2 1 1/4 1 */4 5/8 CEILING IN | GE FEET | 19 6E 3E 5 GF GE GT 4 1/2 Gi GF GF GE 1/2 5/16 174 NO CETE | 11.2 42.6 43.3 43.0 43.2 43.2 43.4 43.4 43.4 43.4 47.9 47.9 6E 20000| 13.0 6E 18000| 13.0 47.3 47.3 47.7 47.9 47.9 47.9 49.1 48.1 48.1 48.1 48.1 48.1 48.1 48.1 48.1 48.1 48.1 48.1 48.1 43.2 43.2 47.3 47.7 48.1 160001 11.0 47.3 47.3 47.7 47.9 47.9 47.9 48.1 48.1 48.1 48.1 48.1 48.1 47.7 14000| 13.0 1200| 13.0 47.5 48.3 48.3 48.8 48.5 48.8 49.5 43.4 47.5 47.9 47.9 48.1 48.1 48.1 48.3 4 A . 3 48.3 6E 10000| 13.0 GE 9000| 13.4 GE 8000| 13.6 46.1 53.4 50.4 50.9 50.8 51.0 51.0 51.0 51.2 51.2 51.2 51.2 51.2 51.2 51.7 58.7 51.2 48.5 52.7 55.6 52.9 57.8 53.1 53.5 53.5 58.5 53.5 58.5 53.7 58.7 53.7 58.7 53.7 53.7 53.7 53.7 53.3 58.3 70001 13.8 61.5 61.8 61.8 61.8 61.A 62.8 6000 | 13.8 63.1 61.6 62.6 62 . A 62.8 62.R 62.3 50001 14.9 6. 6 58.7 64.0 65.5 66.1 66.3 66.9 66.9 66.9 67.1 67.1 67.1 67.1 61.1 67.1 67.1 69.6 69.6 74.6 4500 | 16.1 4000 | 17.2 69.4 59.6 61.0 69.6 69.6 74.6 69.6 74.6 69.5 65.5 68 • U 72 • 7 68.6 68.8 13.8 69.4 GΕ 65.1 74.4 76.9 76.7 76.7 76.7 16.9 76.7 76.9 76.9 76.9 76.9 to E 3500 | 17.A 67.2 72.9 75.0 75.6 76.2 (, E 30001 18.2 70.0 79.8 90.0 ao.n °0.3 25001 19.8 81.6 81.9 87.4 82.2 82.2 A2.4 82.4 71.5 80.2 83.9 6 E 20001 12.4 74.8 81.4 84.7 86.4 86.4 86.4 95.6 86.6 86.6 86.6 84.6 86.6 18001 19.4 75 • 0 81.5 85.1 86. 3 86.6 86.8 46 . A 86.8 86.9 96.8 86.8 86.8 88. 84 - 1 86.6 86.6 15001 19.4 76 . U 85 - 1 A6. 4 A7. u 88.0 88.0 88.0 98.2 99.2 88.2 98.2 88.2 AB . 6 76.2 82 . 9 85.3 86.5 87.8 68.4 88.4 49.6 88.6 98.6 88.6 89.9 89.9 10001 19.4 76.7 83.7 89.0 89.1 89.7 89.7 89.7 89.9 37.9 89.9 99.9 99.9 86 . 4 90.5 GE 9001 17.4 77.1 84 - 1 87.0 89.7 90.3 90.3 90.5 90.7 93.7 93.7 90.7 93.7 ı, E 8001 19.4 7001 19.4 71.3 71.5 84.3 84.5 87.2 87.4 89.1 90.1 90.7 90.9 91.1 91.1 91.5 91.1 71.7 91.7 92.4 91.7 91.7 21.7 87.6 6 E 6001 17.4 84.7 89.9 91.1 92.4 92.8 93.0 75.8 94.0 500| 19.4 400| 19.4 71.5 71.5 71.1 84.7 84.7 84.9 87.8 87.8 90.9 91.9 93.4 94.0 95.0 94.2 95.2 94.4 94.9 95.9 95.2 95.2 96.3 95.3 95.3 96.5 95.5 GE GE 95.7 96.7 θŧ 3001 19.4 88.0 91.1 93.0 97.1 91.5 98.1 99.4 99.4 98.6 98.6 98.6 99.7 2001 19.4 85.3 85.3 98.6 99.6 99.6 99.8 100.0 15 F 78.1 AB - 4 91.7 93.6 96.5 98.3 100.0 1001 19.4 91.7 93.6 93.6 99.8 96.5 97.5 39.6 100.0 100.0

99999	PPP	444	ΔΔ	F 8 F 7 R	RRP	11111111	FFFFFEEEE
PPPPP	PPPP		AAA	F 10 F 3 B	RRRR	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	FFFEFEFEFE
PF	рр	Α.Α.	AA	# ?	RR	1.1	Ft
6 P	РΓ	4.4	ΔΔ	F G	KR	1 1	6.6
r. PPPPP		Λ Λ	AA	H PR₹R	RRRR	1.1	EFEFE
PPPPP			4444	£₽₽₹R	RRR	ΤT	FFTF+t
рÞ		AAAAA	AAAA	R-R	RR	1.1	fŧ
P.P		A A	AA	P D	RR	T T	1.7
PP		۵ ۵	AA	R R	RR	T T	CEEELEELEE
9.0		Λ.Α	AA	F. 12	BB	7 7	FEFFFEEEE

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TEMPERATURE AND RELATIVE FUMILITY SUMMARIES

CUMULATIVE PERCENTAGE FREGMENCY OF OCCURPENCE OF DAILY MAXIMUM EMINIMUM AND MEANT TEMPERATURES

PERCENTAGE TABLEATIONS PRESENTED BY C-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN. STAND DEVIATIONS AND TOTAL DBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A '3 CEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SECECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FORE OF MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

CATA DEPLYED FROM EXTRACTING THE HIGH AND CON TEMPERATURES FROM THE HOURLY CONTINUATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONER ABOVE.

AN ASTERIST INCICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD REVIATIONS FOR DRY BILD INCT BLLB AND DEW COINTY TEMPERATURES

MATA DERIVED FROM HOURLY OBSERVATIONS.

CATA PRESENTED BY THE STANDARD STRUCK TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY COLL YEARS COMBINED 1.

PRESENTED ARE MANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRINCE OF RELATIVE HUMIUITY

BATA BERIVED FROM HOLREY OBSERVATIONS.

SUMMARIZED BY THE STANGARD 3-HOUP TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY CALL YEARS COMBINEDY.

PERCENTAGE VALUES PRESENTED IN 10 LEGASE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND DESERVATION COUNTS.

ORY-BULB TEMPERATURES DEG F FROM HOURLY DESERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 745700 STATION NAME: IT DRUM MY

010100 OF RECORD: 78-67

FOUNDED STATS	JAN	FFB	MAD	APP	4	JUN	JL L	AUG	5EP	100	NO V	EEC	A % %
MEAN	424	15.8 15.338 28.8	286	310	52.8 8.610 516	59.8 7.388 534	66 · 1 6 · 512 547	62.7 6.827 516	54.7 9.806 434	44.1 10.112 415	34.8 10.601 221	24.9 12.304 259	45.4 (3.767 475.
9-11 SD 100 OPS	16.2	21.3 14.754 586	32.1 12.190 599	46.4 11.540 559	58.8 9.131 640	65.9 7.989 650	72.6 6.268 670	69.9 6.385 633	51.5 8.621 552	49.3 9.690 584	39.3 10.169 478	26 • 7 12 • 34 6 55 3	47.1 21.796 7174
1101 0851	29.0	25.6	76.8	50.6	62.5	69.9	76.6	74 • 1	55.6	53,6	41.4	29.3	11.7
	11.773	13.871	12.365	12.511	9.831	8.429	6.575	6 • 6 2 2	8.487	9.865	10.291	11.683	21.769
	638	575	599	558	625	651	665	6 2 4	551	586	495	502	7.67
15-171 50	20.2	25.1	37.4	52.4	64.6	70 - 1	77.9	74.1	55.9	53.3	43.9	29.1	45.9
15-171 50	11.292	13.073		12.844	9.805	8 - 4 2 8	6.937	6.733	8.353	9.543	10.112	11.371	22.501
1707 ORS	512	438		368	310	3 8 6	366	322	217	259	349	312	4218
MEAN	17.8	22.7	34.2	48.3	59.3	66.3	73.1	70.0	61.7	50.1	39.3	27.7	48.4
ALL SD	13.116	14.660	12.691	12.350	10.220	9.024	7.876	8.029	9.591	[J.48]	10.492	12.358	21.722
HOURS TOT ORS!	2224	1957	1893	1795	2391	2221	2248	2095	1754	1844	1563	1526	27211

MET-BULS TEMPERATURES DEG F FROM ENOTTAVBERG VALUE

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 143700 STATION NAME: FT DRUM NY

PERIOD OF SECORD: 78-87

FOURS! STATS	JA'i	FEB	■AR	APR	MAY	JLN	JUL	AUG	SEP	oct	۷ و ۱	SEC	ANN
MEAN	13.3	15.5	26.9	49.5	48.7	529	61:6	59.8	52.7	41.9	33.1	24+5	43.7
06-38 SD	13.891	19.215	11.756	9.136	7.742		5.768	6.622	9.076	9.433	9.862	11-365	16.773
1101 OAS	391	281	28u	290	498		543	510	416	411	271	246	4616
ITOT URSI	15.4	23.3	29.4	41.4	52.0	58.5	64.7	63.4	56.5	45.1	15+6	25.4	45
	13.305	13.649	11.345	4.693	7.912	6.583	5.445	5.901	7.886	8.724	9-384	11.349	14.1 ⁷⁷
	610	574	587	570	621	641	665	622	5.15	583	49#	519	6.463
1101 0451	15.5	23.4	32.9	44.1	54.3	60.5	66.2	64.9	58.5	47.6	37.7	27.9	49.4
	11.237	12.758	13.95d	9.767	7.860	6.579	5.341	5.599	7.517	8.567	9.175	10.592	14.4°+
	605	569	58 <i>1</i>	531	613	641	659	615	533	583	494	478	6004
MEAN 15-17 SD TOT ORS	19.6 10.764 484	23.5 12.075 406	33.4 10.796 401	45.1 9.768 347	54,9 7.398 299	6.386 383	66.9 5.055 364	64.5 5.544 320	59.1 7.392 206	47-1 8-486 253	37.1 9.143 349	27.6 13.446 334	93.7 19.937 4171
MEAN	16.7	21.2	71.6	42.7	52.2	58.7	64 - 7	63.1	56.5	45.4	36.2	26.6	43.7
ALL SD	12.370	13.419	11.414	9.843	8.067	6.872	5 - 765	6.273	9.368	9.863	9.437	11.355	14.874
HOURS TOT OPS	2090	1830	1955	1698	2028	2194	2230	2067	1690	1832	1562	1547	22623

DEW-POINT TEMPERATURES DEG F FROM HOURLY DBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87

OURS STATS	JAN	FEB	MAR	APR	MAY	J(N	JUL	AUG	SEP	CCI	NOV	DEC	A 4 4
MEAN	8.6	10.5	22.4	34.9	44.7	52.0	58 • 8	57.9	50.7	79.4	70.2	21.7	19.1
6-38 50		16.565	13.943	10.136	8.477	7.424	6 • 24 6	7.143	9.428	9.920	10.561	12.644	19.925
1101 095		291	280	290	498	529	5 4 3	510	416	411	221	246	4616
1101 0451	10.1	14.9	23.5	35.1	46.1	53.0	59.8	59.4	52.4	46.5	31.4	77.5	36.3
	15.171	15.921	13.683	10.795	9.099	8.001	6.702	7.119	9.004	9.764	10.488	12.89%	70.677
	610	574	587	530	621	641	665	622	535	580	498	519	(96)
MEAN	12.6	17.0	25.8	36.6	46.6	53.8	59.8	59.2	53.0	41.4	32.3	23.0	37.1
07 141-5	13.631	14.961	13.008	13.805	9.418	8.267	7. ₀ 92	7.271	9.137	9.971	10.454	12.466	19.267
1701 ORS	615	569	587	531	610	641	658	615	533	583	494	478	6974
MEAN	12.7	17.2	26.2	37.U	46.6	54.1	60 - 3	58.5	53.8	40.6	31.7	23+1	56.
- 7 SD	13.290	14.271	12.860	10.777	9.539	7.995	6 - 6 4 8	7.308	9.149	10.334	10.709	12+523	19.696
101 OBS	484	436	401	347	299	383	3 6 4	320	206	258	349	304	41.73
1 MEAN 1	11.1	15.4	24.7	35.9	46.0	53,2	59 - 7	58.8	52.4	40.6	31.6	22.4	36.0
	14.501	15.533	13.906	10.712	9.140	7.976	6 - 721i	7.221	9.217	9.964	10.549	12.658	19.75
	2090	1830	1855	1698	2028	2194	2230	2067	1690	1832	1562	1547	2752

GLOBAL CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE RELATIVE HUMIDITY USAFETAC FROM FOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATI	ON NUMBER	F: 743700	STATION	NAME: F	T DRUM N					PERION OF MONTH: JAM		19-81	
MONTH	HOURS	1			FREQUENT	OF REL	ATIVE HU	HIDITY G	RFATER	THAN	1 MEAN	I TOTAL !	•••••
	l	101	201	302		50 %		70%			1FUMIDITY		
JAN	 no-oz	 	•••••	• • • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • • •	•••••	• • • • • • • • •	••••••		•••••
	03-05	ļ											
	06-08	 130.0	100.0	100.3	99.1	97.4	91.0	74.2	44.5	22.9	78 - 7	191	
	09-11	 130.0	103.0	100.0	99.5	96.7	86.7	64.9	39.2	17.4	76.1	61:	
	 12-14	100.0	105.0	100.0	98.5	93.9	80.3	51.9	32.1	15.7	73.3	505	
	15-17	100.0	100.0	99.6	98.1	93.2	80.5	58.5	36.6	13.2	73.6	484	
	18-20	 											
	21-23	' 											
	TOTALS	100.0	100.0	99.9	99.0	95.3	84.5	63.9	38.2	16.A	75.4	2090	

GLOBAL CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE RELATIVE HUMIDITY LSAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

1+ 1	POURS (LST)	!	PE	RCENTAGE	FREQUENC	Y OF REL	ATIVE HU	HIDITY (GREATER		MEAN	TOTAL 1
i	12317	10\$	503	30%	40%	50%	60%	701	803	40\$	HUMIDITY	
,	00-02	! !	••••••	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • •	* * * * * * * * * * * * * * * * * * *	
-	03-05	,										
İ	N6-08	100.0	100.0	99.6	98.9	95.7	85.4	71.5	45.9	20.6	77.4	281
į	09-11	100.0	130.0	99.7	98.4	94.6	85.7	64.1	37.5	15.5	75.1	574
į	12-14	100.0	100.0	99.5	97.0	90.9	72.6	50.4	27.1	9.5	70.3	569
į	15-17	100.0	103.0	100.0	97.3	88.9	74.1	49.8	29.1	11.6	70.9	406
i	18-20											
į	21-23											
i	TOTALS	100.0	100.0	99.7	97.9	92.5	79.5	59.0	34.9	14.3	73.4	1830

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM VY

PERIOD OF RECORD: MONTH: MAR

79-87

MONTH	HOURS		PEI	RCENTAGE	FREQUENC	Y OF REL	ATIVE HU	MIDITY G	REATER T	HAN	MEAN RELATIVE	TOTAL I
j		10*	20%	30%	40%	50%	601	70%	80%	301	HUMIDITY!	•
MAR	00-02	!	••••	•••••			• • • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
ļ	03-05	!										
ļ	06-08	100.0	100.0	100.0	98.9	95.0	88.9	68.2	48.6	25.7	78.1	280
į	09-11	100.0	100.0	99.8	96.6	88.2	72.9	52.1	32.9	15.5	71.7	587
i	12-14	100.0	100.0	99.0	92.2	78.9	59.5	39.4	24.2	12.4	66.2	587
į	15-17	100.0	100.0	98.5	89.8	76.1	57.9	39.2	24.9	14 • 2	65.8	401
ì	18-20	1										
j	21-23											
	TOTALS	100.0	100.0	99.3	94.4	84.6	69.9	49.7	32.7	17.0	70.5	1855

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-87 MONTH: APR

	POURS (LST)	:		PCENTAGE		•				HAN	. RELATIVE	TOTAL Num
i		1 102	201	3u%	40%	50%	608	70%	80%	901	HUMIDITY	
APR	00-02	ļ	••••••	•••••			•		•			
į	03-05	!										
į	06-08	100.0	100.0	100.0	99.3	93.4	83.1	57.6	36.6	15.5	74.4	290
!	09-11	100.0	100.0	99.2	94.0	79.4	59.9	41.1	26.0	11.3	66.6	536
į	12-14	100.0	100.0	97.2	84.7	62.1	47.5	33.7	20.5	10.2	61.5	531
·	15-17	100.0	100.0	95.4	80.7	55.3	42.9	28.5	18.7	9.5	58.9	347
	18-20	!										
j	21-23	!										
- {	TOTALS	100.0	100.n	98.D	89.7	72.6	58.4	40.2	25.5	11.6	65.4	1698

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

PELATIVE HUMIDITY

63.2 2028

STATION NUMBER: 7437UD STATION NAME: FT DRUM NY

100.0 99.9 97.4

PER100 OF RECORD: 79-86 MONTH: PAY MONTH! HOURS I PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN HAY 1 00-02 1 03-05 1 1 76-08 1 100.0 100.0 100.0 100.0 100.0 17.2 6.9 64.5 621 12-14 100.0 100.0 97.5 87.2 64.4 36.7 20.7 12.1 4.9 58.3 610 1 15-17 100.0 92.6 31.8 20.1 13.0 5.0 55.0 299 18-20 1 21-23 1

90.5 73.7 53.1 34.2 19.1 7.4

TOTALS I

GLOBAL CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE FROMENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PE9100 OF RECORD: 79-86 MONTH: JUN MOVIH: JUN

MONTH! MOURS | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | MEAN | TOTAL |

(LST) | 10% 20% 30% 40% 50% 60% 70% 86% 90% | HUMIDITY 08% | JUN | 00-02 | i na-os i 1 06-08 100.0 100.0 100.0 100.0 97.5 88.1 68.4 38.9 12.3 529 09-11 100.0 100.0 99.4 96.1 78.9 56.0 34.0 16.7 6.5 64.6 641 i 12-14 i 100.0 100.0 99.1 85.2 65.4 41.5 21.5 12.3 4.1 59.6 641 1 15-17 1 100.7 100.0 99.0 84.6 65.5 40.7 24.0 383 1 18-20 | 1 21-23 F I FOTALS | 100.0 100.0 99.4 91.5 76.8 56.6 37.0 20.7 6.7 64.6 2194

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE RELATIVE HUMIDITY FROM HOURLY ORSERVATIONS

PERION OF RECORD: 79-86

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

									M	ONTH: JU	-	
HON TH	HOURS !		FE.	RCENTAGE	FREQUENC	Y OF REL	ATIVE HU	MIDITY G	REATER T		MEAN IRELATIVE!	TOTAL NUM
i	(103	201	30%	403	50%	601	70\$	801	9 U t	PUMIDITY	
JUL !	00-07		••									
į	C3-05											
ł	n6-08 ∫	100.0	103.0	100.0	100.0	99.3	94.3	75.0	43.8	9.2	77.9	543
į	N9-11	100.0	100.0	100.0	98.8	87.5	61.2	30.8	11.9	2.9	65.0	665
į	12-14	100.0	100.0	99.5	91.3	63.7	34.3	16.9	9.0	2.1	57.5	659
í	15-17	1,0.0	100.0	99.7	88.2	55.5	29.4	15.9	10.7	4.1	56.3	164
i	18-20											
į	21-23											
1	TOTALS	100.0	100.0	99.8	94.6	76.5	54.8	34.7	18.9	4.6	64.2	2230

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

PERIOD OF MECORD: MONTH: AUG

79-86

MONTH	FOURS ILSTI	1 103	PL 6	30%	40%	OF RELA 50%	608	70%	8U\$		MEAN RELATIVE! HUMIDITY!	NUM
AUG	00-02	j 										
į	03-05	1										
	80-40	100.0	100.0	100.0	100.0	100.0	99.3	93.9	70.6	22.0	94.4	510
j	09-11	1 100.0	100.0	100.0	99.8	94.1	76.4	51.1	20.3	4.5	70.3	622
1	12-14	100.0	103.0	100.0	96.1	74.0	47.3	23.6	12.5	3.6	61.3	615
	15-17	107.0	100.0	100.0	93.1	69.4	39.4	24.1	11.9	3 - 8	60.0	320
į	18-20	į										
ì	21-23	; !										
ì	TOTALS	100.0	198.0	100.0	97.3	84.4	65.5	48.2	28.8	8.5	69.0	2067

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCY FROM HOURLY ORSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

										MONTH: SER		
	(HOURS		PΕ				ATIVE HU					TOTAL
	1	103	201	3 ⊔ \$	40%	50%	60%	702			HUMIDITAL	
SEP	00-02) !			• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • • • •	•••••			
	03-05	! !										
	06-09	100.0	100.0	100.0	100.0	100.0	99.8	96.2	12.9	, · · · · · · · · · · · · · · · · · · ·	85.3	416
	09-11	100.0	100.9	100.0	99.8	96.6	80.7	52.9	24.1	6.9	72.1	5 3 5
1	12-14	190.0	100.6	100.0	98.3	82.6	55.2	29.6	15.2	r, 🕌 🔻	64.°,	5 5 5
1	15-17	100.0	100.0	100.0	98.1	83.5	52.9 '	30.6	21.4	17.7	65.7	508
1	18-20	İ						•				
į	21-23	}										
į.	TOTALS	130.0	103.0	100.0	99.1	90.7	12.2	52.3	33.4	12.1	71.9	1690

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FPOM HOURLY OBSERVATIONS

RELATIVE HUHIDITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF PECORD: 78-86 MONTH: OCT

	FOURS		PLI	PCENTAGE	FREQUENC	Y OF REL	ATIVE HU	MIDITY S			MEAN 	TOTAL NLM
i	1	103	208	3u \$	40 %	50%	601	702	801	ग ाहू	PUMIDITY	•
0CT !	00-02	<u> </u>	••••••	•••••	• • • • • • • • •	• • • • • • •		• • • • • • •	••••••	• • • • • • • •	• • • • • • • • • • • • •	••••••
į	D3-U5	!										
	 06-04	1 100.0	100.9	100.0	99.8	99.0	96.1	87.8	69.9	35.0	94.6	411
į	89-11	130.0	190.0	100.0	98.8	94.1	19.7	55.7	33.4	12.2	73.4	581
	12-14	100.0	100.7	99.8	95.5	B1.3	58.3	34.8	18.4	6.5	65 • 1	583
į	15-17	100.0	100.0	99.2	92.2	78.3	56.6	34.1	15.9	٥. ٢	63.7	25#
	18-20											
i	21-23											
i	TOTALS	! ! ia0•0	100.0	99.8	96.6	88.2	72.5	53.1	34.4	14.4	71.8	1932

CUMULATIVE PERCENTAGE FPEQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

10		R: 743700	3, 411.0		5.40.4	•				PERIOD OF		79-96
NTH	HOURS		PE	RCENTAGE	FREQUEN:	Y OF REL	ATIVE HU	MIUITY	REATER	THAN	MEAN	TOTAL
i	163	162	\$0\$	30%	40%	50%	601	79%	801	ant	***************************************	
0 V I	00-02	i			•••••	• • • • • • • •			• • • • • • •		• • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	03-05	; !										
ì	06-DA	100.0	103.0	100.0	130.0	100.0	95.5	84.6	67.4	36.2	83.9	221
!	09-11	100.0	100.0	100.0	99.9	97.6	89.2	65.7	47.4	21.7	77.3	499
!	12-14	1 100.0	100.0	99.4	98.6	89.9	75.9	49.0	31.2	17.6	11.9	494
-	15-17	100.5	193.0	99.4	98.6	90.3	73.7	49.0	28.4	1 °, . p	71.3	340
!	18-20	! !										
- 1	21-23	l 										
ļ	TOTALS	1 1 130.0	100.0	99.7	99.3	94.5	83.5	62.1	42.4	22.A	76.1	1562

1 21-27 1

GLOBAL CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE ESAFETAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

PELATIVE HUMIDITY

79.3 1547

STATION NUMBER: 743703 STATION NAME: FT DRUM NY

101ALS 103.7 100.0 100.0 99.7 96.6 90.4

FESTOR OF RECURD: 19-85

DEC | no-02 | 1 03-0° 1 06-U8 T 190.9 183.0 188.0 100.0 98.4 93.5 86.6 67.5 30.0 83.7 245 137.2 100.0 100.0 100.0 93.1 79.0 53.4 21.7 83.2 519 i 12-14 i 190.0 100.0 100.0 99.2 96.0 87.2 63.8 38.1 19.0 16.7 478 1 15-17 130.0 100.0 100.0 94.1 87.9 68.9 42.1 27.0 77.3 ₹04 18-20

14.6 50.4 24.7

GLOBAL CLIMATOLOGY BRANCH CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE PELATIVE HUMICITY USAFETAC FROM HOURLY OBSERVATIONS

PEPIND OF RECORD: 79-87

STATION NUMBER: 743767 STATION VAME: FT DRUM MY

				_						ONTH: ALE		
HONTH	HOURS			RCENTAGE	FREQUENC	y OF REL	ATIVE HU	MIDITY G	REATER T	HΔN	J MEAN	TOTAL I
	(EST) 	10%	201	30%	403	50%	60%	7 () ¥	801	90%	RELATIVE HUMIOITY	
JAN	ALL	100.0	100.0	99.9	99,7	95.3	84.5	63.9	38.2	16.8	75.4	2797
FEB	! !	! ! 1gn•3	190.0	99.7	97.9	92.5	19.5	59.0	34.7	14.3	73.4	1831
™ A ₽		 1კე∙ე	100.0	99.3	94.4	84.6	69.9	49.7	32.1	17."	77.5	1451
WEH		1,1,7	195.0	C.8¢	89.7	77.6	58.4	40.2	25.0	11.6	55.4	1635
MAY	! !	l 198.9	79.9	91.4	90.9	73.7	53.1	34.2	19-1	7.4	63.2	2026
JUN		1,0.5	100.0	99.4	91.5	76.8	56.5	37.9	20.1	5.7	64.6	2144
JUL		150.7	100.0	99.8	94.6	75.5	54.9	34.7	19.9	4.6	64	2217
AUG 1		100.3	100.0	100.0	97.3	34.4	65.5	48.2	28.5	a . t.	60.1	2751
SEP		 133.5	100.0	100.0	99.1	90.7	72.2	52.3	33.4	12 - 1	71.9	16+1
001	•	l 133.0	100.0	99.A	96.6	99.2	72.5	53.1	34.4	14.4	71.8	1832
40 V		ן 1 טער. 1 טער	100.0	99.7	99.3	94.5	83.5	62.1	42.4	22.8	76.1	155ê
fil. C		ם.מנו ו	170.0	100.5	99.7	96.6	90.4	14.6	50.4	24.7	79.3	1547
	TOTALS I	l 195.3	100.0	99.4	95.8	85.5	70.1	5 (1 + 8	31./	15.4	73.4	22623

PPPPPPPP PPPPPPPPPPPPPPPPPPPPPPPPPPPPP		1 A A A A	# R# 3	8 R R R R # # R R		*
SE ED	AΛ	A A	R B	FF	11	* * * * * * * * * * * * * * * * * * * *
99 99	Λ Δ	AΑ	H R	N.P.	ĪĪ	Ff
99999999	ΛA	AΑ	B 13 (3 3)	28889	Ť Ť	FIFFE
PPPPPPP	4444	AAAAA	8 8 8 3 1	RRR	T T	TELLE
P P	ΑΛΑΑΑ	AAAAA	R R	RR	ŢŢ	T.f.
υp	A A	A A	RR	R R	1.1	FF
e b	Λ Λ	AA	R R	RR	1 1	11
PP	AA	AA	F-12	RR	1.1	f

owęksniki summartes

STATION PRSSURE SUMMAPLES

PATA DERIVED FORM HOURLY ORSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOLD TIME CROUPS BY MONTH, MONTHLY AND ANNUALLY CALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD CENTATIONS AND OPSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SCHMARIZED BY THE STANIARD 3-HOUR TIME GROUPS BY HONTH, MONTHLY AND ADMINIALLY CALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND ORSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH STATION PRESSURE IN INCHES H3 FROM USAFETAC HOURLY DESERVATIONS AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87

OURS _ST	I STATS I	NAL	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	0C1	NOV	ÜEC	ANN
11	MEAN I SD I TOT OBSI	•••••	• • • • • • •	•••••	••••••	••••••	•••••	••••••	••••••	• • • • • • •	••••••	••••••	•••••	•••••
14	I MEAN I I SD I I TOT OBSI		• • • • • • •	•••••	•••••	•••••	••••••	••••••	••••••	• • • • • • • •	••••••	••••••	•••••	•••••
17	I MEAN SD TOT OPS	29.222 .348 132	29.314 .259 68	29.308 .283 66	29.222 .240 .95	29.231 .188 214	29.232 .191 217	29.261 -147 221	29.294 .142 209	29.329 -191 177	29.349 •255 156	29.400 •255 34	•272 53	29.275 .223 1642
0	MEAN SO TOT OBS	.334 217	29.311 .279 194	29.250 •292 200	29.217 .264 186	29.234 .191 214	29.235 .189 217	29.260 •150 224	29.299 •147 211	29.332 .200 180	29.374 .259 175	29.325 .269 161	29.297 .300 184	29,29 .245 .236
3	MEAN I Sd 1101 obs	29.240 •326 211	79.286 .281 192	29 - 226 - 28 4 20 u	29.195 •259 184	29.214 .188 210	29.219 .183 217	29.244 •148 221	•137 209	29.305 -194 190	29.339 .263 175	29.293 .267 161	29.257 .297 165	29.258 .244 2325
6	MEAN I SD I TOT OBS	29.240 .323 206	29.273 .281 195	29.210 .279 192	29.183 .252 153	29.200 •166 65	29.198 .173 95	29.248 .152 93	29.301 .115 72	29.266 .164 .28	29 - 396 -217 40	29.298 .260 147	29.276 .300 132	29.241 -266 1401
9	I MEAN I I SD I ITOT ORSI		• • • • • •	•••••	••••••		• • • • • • • •							•••••
2	I MEAN SO TOT ORS!		• • • • • • •		••••••	••••••	•••••				******	*******	•••••	*******
Lί	MEAN SD TOT OSS	.331	29.293 .278 639	29.237 .287 656	29.203 .256 616	29.224 .187 703	29.225 .186 746	29.254 .149 759	29.293 .139 701	29.319 -194 565	29.357 .256 546	29.309 -265 503	29.277 -296 534	29.260 .240 7738

SEA LEVEL PRESSURE IN MAS FROM CALITAVPSCHOPTURE

MEANS AND STANDARD DEVIATIONS

TAT	ION NUMBER	: 743700	514110	N NAME:	F1 DRUM	1 44				PE PIOU	OF RECOF	78-87	•	
OURS LST	SI STATS		FEB	MAR		MAY		JUL	¥n C	SEP	001	NOV	DEC	ANN
αι	MEAN 1 L SO L TOT OBSI													
04	MEAN SD TOT OBS	*	• • • • • •	•••••	•••••	••••••	••••	••••••	••••••	•••••	•••••	• • • • • • • • •	• • • • • • • •	••••••
7	MEAN SD TOT ORS	12.337 132	9.185 58	10.102 60	8.446 92	6.234	7,154	5 • 3 3 5 1 6 0	5 • 1 2 2 1 5 3	6.523 127	8.965 123	7 • 6 7 6 2 3	9.674	1016.6 8.095 1294
	MEAN SD TOT OBS	1015.9 11.834 198	9.779 165	1016.5 10.215 178	1015.1 9.113 160	1315.4 6.298 152	1014.5 7.043 157	1015.8 5.375 163	1017.3 5.300 155	1018.0 6.867 130	1019.9 8.987 141	1019.9 9.318 127	1018.3 10.406 154	1017.1 8.873 1883
3	MEAN SD TOT OBS	1015.8 11.422 186	1018.6 9.993 163	1015.7 10.110 178	1014.3 8.840 159	1014.7 6.159 148	1014 - 0 6 - 912 157	1015+2 5+232 163	1016.8 4.939 152	1017.1 6.671 130	1018.6 9.092 141	1017.7 9.389 126	1016.7 10.276 140	1316.2 8.683 1840
16	MEAN SD TOT ORS	1016.2 11.377 180	1018.2 9.853 156	1014.9 9.812 171	1314.0 8.708 131	1313.7 5.884 64	1013.6 6.129 94	1015.2 5.326 93	1017.2 4.136 72	1J15.9 5.840 28	1020.6 7.619 39	1017.5 9.087 116	1317.5	1016.1 9.017 1258
Į 9	I MEAN (SD TOT OBS												• • • • • • • •	•
27	MEAN SD TOT ORS!			* * * * * * * * *		• • • • • • • •	••••••	••••••	•••••	••••••	•••••	• • • • • • • •	• • • • • • • •	•••••
A LL	MEAN SD TOT ORS	1016.2	1018.9	1316.0	1014.5					1017.6		1018.1		1016.5 8,699 6272

SUMMARY OF DAY DATA

PERIOD OF RECORD:

- **** FULL TIME PERIOD: NONE AVAILABLE
- ***** PART TIME PERIOD: JAN 44 AUG 46, MAY 70 AUG 74, SEP 78 APR 87
- ***** OPERATIONAL 5 DAYS PER WEEK FOR 9 TO 10 HRS/DAY (CLOSED HOLIDAYS)

ALL USBRS HUST FAMILIARIZE THEMSELVES WITH CAVEATS PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES

- A. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION.
- B. NOTE THE DAYS STATION IS OPERATIONAL.
- c. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS WILL NOT REFLECT IN THESE SUMMARIES.
 - D. 24-HR PRECIPITATION (INCLUDING SNOW) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
- (1) RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.
- (2) THIS "24 HOUR" AMOUNT DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "HIDNIGHT TO HIDNIGHT AMOUNT."
- (3). A COMBINATION OF THE ABOVE TWO LIMITATIONS EXAGGERATE THE QUESTIONABILITY OF THESE 24-hour amounts.
- E. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOW) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HR VALUES. HOWEVER, EVAPORATION (AND SUBLIMATION) CAN CAUSE "BOGUS" AMOUNTS TO BE INCLUDED FOR NUN-OPERATIONAL PERIODS (DIFFERENCES ARE DEPENDENT ON THE LENGTH OF TIME BETWEEN READINGS).
- F. THE TEMPERATURE SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAZIMUM OR MINIMUM EXTREMES.
- USAFETAC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLY, BE ACCOMPANIED BY THE CAVEAT --- "EXTREMES OCCURRING OUTSIDE THIS PERIOD ARE NOT REFLECTED IN THESE SUMMARLES". WE ALSO RECOMMEND LIMITED DISTRIBUTION OF THE PART TIME PERIOD TO METEOROLOGIST (TECHNICIANS), TO BE ACCOMPANIED BY THIS CAVEAT PAGE. PAGES OF DATA SUMMARIZED FOR LIMITED DUTY PERIODS ARE SO STAMPED.

SUPPLMENTAL DATA SECTION -- SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

- 1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PPENOMENA AND OBSTPLCTIONS TO VISION.
- 2. DATA BASED ON SUMMARY OF DAY DATA.
- *. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMPINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION ISNOWFALL AND SHOW DEPTH SCHMARTES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".O" IN THESE TABLES INDICATES LESS THAN .OS% WHICH USUALLY INDICATES ONLY ONE OCCUPRENCE.

EXTREME DATEY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

MATA DERIVED FROM SUMMARY OF DAY BATA.

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SHOW SENTE BY INDIVIDUAL MONTH AND YEAR.

ALTO PRESENTED ARE THE MEANS, STANCARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK """ PHINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DEFIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALLE COSERVATION, REPORTED BUT NO OCCUPPENCES, ZEROS ARE EISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: "+CO" EQUALS NONE FOR THE MONTH CHUMOREDIAN)

EXTREME DAILY SNOWFALL: ".O" EQUALS NONE FOR THE MONTH CTENTHS!

EXTREME DAILY SNOW DEPTH: """ EQUALS NONE FOR THE MONTH CAPAILE INCHEST

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FOOM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND HONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK """ IN THE TABLES INDICATES THAT ONE OF MORE DAYS WEFE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH APE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE. THEN "TRACE" IS PPINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMPINED.

SPEEDS PRESENTED IN KNOTS.

DIPECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMPENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

TEMPERATURE AND PELATIVE FUMIDITY SUMMARIES

CUMPLIATIVE PERCENTAGE FRECUENCY OF OCCUPATINCE OF DAILY MAXIMUM EMINIMUM AND MEANT TEMPTEATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY S-DESREE FARRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVILATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A " FARRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THEPMOMETERS. THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY ORSTRAATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUME INCUMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FURE OF MORE COMPLETE MONTHS ARE N. SUIDED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF MAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YETH.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ARCVI.

AN ASTERIST INCICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATREOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PERNUMERA FROM DAILY OBSERVATIONS

STATION NUMBER: 7437CC STATION NAME: FT DRUM NY

PETIO: OF FECURO: TH-87 Howels at ALL

MO4.12		TS TMS	E/OP E/OP	FR/ING RAIN &/OP DRI:ZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FUG	5M0FE 170R NAJE	ot Oblika Show	######################################	TOTAL
JAN	1		14.2	4.1	66.1	•••••	7C . Z	28.9	3.1	16.1	43.6	218
ſįμ	ι		18.1	3 . L	43.7		53.8	30.2	1.	1.5	19.1	199
MAR	1		20.4	1.5	32.3		45.3	28.4	4.1	* • ·J	**q	201
AF-D	1	1.0	36.5		13.8		45.3	28.1	4.4	1 • 5	P	2.13
MAY	1	4.7	42.7		2.3		41.6	4.7	11.7		.7.9	. 14
JU⁴i	1	r • 1	37.3				37.3	77.1	71		s , ₹ , ₹	. 17
Jul.	1	н. п	28.3				ZH . 3	29.2	24.8		4	216
ALG	1	F.7	71.9				31.9	50.7	•1.,		4 # . 5	1"1
.16	1	č• 1	11.4				71.4	44.5	16		* 12 g 3	1 7 1
ec t	1	1.1	33.7		3.9		*6 . 5	41.0	. :		41.0	17-
*re v	ŧ		3 m = 7	1.1	26.0		56+0	₹8.7	н	1. *	42.7	1 °. 6
ા દ	1	٠ ٠,	23	4.1	54.6		66.5	72.4	2.2	10.3	40.0	1 4 4,
TOTALS	1	2.6	29.5	1.2	20.2		45.3	15.2	12.0	3.5	41.5	2389

PIRCENTAGE FREQUENCY OF OCCUPRENCE OF PRECIPITATION

STATION NUMBER: 743700 STATION NAME: ET DRUM NY

PERIOD OF PERSONS 94-45. TE-97

••••••	• • • • • •		••••		• • • • •		• • • • •		MOUNT	S IN INC	HE 5	• • • • • • •	• • • • • • • •			•••••	• • • • • • •	
MCMTF	 - NON! 	f TRACE TRACE		i ici	l to i	7.0	10	10	10	10 1	10 1	10	GV(R 21.13	F FITH	nes 1		LV A*(1.*	
JM	70.4	i	4.9	1 4.6	10.2	11.1	8.4	4.4	. 4					•• `	! !	1.64	3.67	. 6
F E3	1 25•6 .	 25.5	2.3	 13•3	ا د. ا د. د	18.1	e.3	2.9	1.0				ı	· · · · · ·	. 4	1.19	4.47	
нло .	! 37.€ :	1 15.5	3.8	1 2.7	6.6	12.7	8	2.3	.9		!	1		a	217		1.11	•
7 b5	1 13.0	15.6	3.3	1 2.0	6.1	15.6	9.4	7.1	•5					11.4	21.	1.54	5.21	1.71
MAY	41.1	16.2	3 .2	.7	5.5	9.5	9.9	4.7	1.2					47	253	2.62	5.14	1 . "
JUN	46.9	13.9	3.6	9.1	6.5	9.5	5.8	5.5	1.1			1		97.00	: 15	2.04	5.61	• F c
JUL	1 53×11 	14.6	1.7	7.0	6.3	5.6	 4.5	4.5	2.4					7 4	297	6 7	6.50	. 5.4
A (^ለ	53.6	12.3	3.4	5.4	7.1	P .4	6.1	3.4	1.0	.4	!			*7.,	261	76	6.01	. 15
'ib	₹8.6	1 15 - 2	2.4	6.2	4.3	٩.6	1.0).5	3.3					462	\$1C	40	6.22	7.11
0.61	41.8	1	u	12.7	63	10.6	1 / . 4	4.8	1.6					41.03	1861	1.40	4 • 1 9	. 0 +
N OV	 26.7 	17.4	3.1	9.1	6.21	14.9	6.7	3.6	4.3					15,9	151	2.43	6.49	1.47
4+6	 	 21.0 	٠.7	 13.6 	7.7	14.0	! 1.2 	7.7	4.1		 	i		64.1	1951	9	6.37	2.01
Δ \s ₄	1 15.8	1 16.91	1.6	1 9.81	6.21	11.6	A .	5.2	1.9		1			47.4	26461	373		

GENEAL CLIMATOLOGY PRANCE USAFETAC AIR WEATHER SERVICEZMAC

EXTREME VALUES OF PRECIPITATION (FROM DATLY OBSERVATIONS)

STATION NUMBER: 74376" STATION NAME: FT DPUM NY

PERIOD OF RECORD: 44-45, 75-87

Att						N-T-1-5-	HOLR AM						1
POSTE	110	74 C V	CET	SEE	ΛUG	JüL	JUN	HAY	#P O	MAG	EEH	JA%	At We 1
• • • • • • • •	1.17	.7.	.45	.94	.52	*1. 28	.95	.76		• • • • • • • •			94
					•.16	1.15	. 74	1.20	. 74	. 7 5	. 34	.6.	45 1
													78
	•1.40	•1.89	21.73	*1.Fr	• 1 • 3 3	* .4 P	* • 5 8			• • 6 D			79
• . • 1	•1.27	*1.0°	•2.13	*1.65	* • 2 C	1.25	* . 8 1	• . 7G	• .92	* . 55	* . 1:	70	n j
	0.74	• • 5 4		*.97	*3.15	1.80	. 71	* . 76	* +6 Z	37	+1 - 24	*.65	۹1 [
1.9	• • • 1	#1.5 2	*1.31	•1.17	*1.7D	.99	1.93	• 1 • 95	• • 5 2	• . 3 8	••21	• . 9 7	3.2 T
1 . 7	•1.10	*1.17	* . n to	.67	1.73	.99	1.00	.95	*1.12	 50 	•. 30	. 44	P 5
•1.04	• . 95	• . A 7	+ . 47	•	*1.74	*1.66	-41	1.02	• .75	* · 5 ?	. 77	87	84
•1.50	• 1 • 3 1	1.17	•1 • . *:	•1.67	• 5.5	• 6 1	• 6 Z	• 6 7	.66	*1.8°	*1.68	* . 5 R	a 5
	•1.44		* . 9 R	*1	*. 95	•1.18	*1.04	*. 54	37	77	. 41	•1.29	¢6
									48.	*2 • 2 C	*.40	* . 44	97
				. 91%	.033	1.149	.004	.920	•••••		• • • • • • • • • • • • • • • • • • •	• • • • • • •	'EAN
						. 384	.482	.210					
, t. 4 t	195	161	149	7.1	261	28.7	215	253	. 12	213	2.04	226	085 1

NOTE . . EBASED ON LESS THAN FELL MONTH (1)

MONTPLY PRECIPITATION (FROM DAILY OBSERVATIONS)

STATEON NUMBER: 743700 STATEON NAME: FT DRUM NY

FERIOU OF TECORD: 44-45, 78-87

	1					IJIAL M		PECIPITA -N-T-H-S		INCFES				
A E. V &	i	JAN	FEN	мдр	AP R	на ү	PUL	JUL	A UG	SE to	CCT	NOV	CEC	ALL MONTHS
44		• • • • • • • •	•••••	• • • • • • •	• • • • • • • •	2.20	2.69	*2.86	1.55	5.55	1.48	2.43	2.89	• • • • • • • • • •
45	i	1.94	2.37	2,59	3.54	4.60	2.39	4.37	4.39		• • • • •			
7.8	- 1			,										
79	t			ن (ا			*1.24	* .94	*5.17	64.57	04.18	.4.47	·2.35	
A (i	1	02.17	. 1 . 44	*5.01	*3.27	•1.00	*3.00	*6.35	.42	+5.29	• 5 . 5 6	*3.22	*3.96	*37.1V
91	- 1	28	*4.57	*1.02	*2.40	•2.23	2.78	3.39	*8.21	•6.23		41.47	42.67	
4.2	- 1	41.47	*1.02	*1.3n	*1.23	·2.56	5.61	1.54	*5.53	• 5 - 51	•2.51	+6.49	•2.30	437.57
-1 3	1	•1.39	. 97	•1.73	*5.21	4.07	2.92	2.14	4.30	2.16	*3.28	*4.97	*6.37	•39.5H
RU	- 1	*3.87	3.73	*1.47	*3.96	5.04	. 6 6	* 3 . 0 4	*5.74	·2.74	98	* 3 . 1 1	•2.83	•37.17
3.5	1	*3.65	* 3. 93	*2 . b 5	*2.39	2.08	2.64	1.93	2.48	*4.75	*2.87	\$5.28	*6.22	*41.15
F. 15	ı	43.4 1	•1.91	*2 • ti P	*1.71	+2.49	*5.59	*2.92	•4.48	*4.77	· 5 - 24		*4.3D	
47	1	*2.59	•1.1.	*2 • d 5	+2. 6€									
VŁ AN	1		₹ . 050	• • • • • • • •		3.616	2.844	2.674	2.717	2.055	• • • • • • • • • • • • • • • • • • • •			
5 . (6.	1					1.392	1.406	1.174						
11 085	1	226	2:04	213	217	253	275	287	261	21.5	189	16 i	195	26.86

NOTE . . IBASED ON LESS THAN FELL MONTHS!

TOWAL CLIMATOLOGY OR ANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL OLDER FACE FROM SLMMARY OF DAY DATA ATM WEATHER SERVECLIMAGE.

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

renant of recopt: 78-67

				• • • • • •														• • • • • • • •
									AMOUNT	S IN IN								
MCNEH	I I E NOKE	1 1	10	101	tol	10 1	101	1.0	i to	1 10	10	l to	(* OAYS wlth wlas			HLY AMO	U415
	1	i I	l	l i	1 1	l t	!!		ŧ	1	ı	l I	I	/MTS	ı	MEAN	GREATE	ST LEAST
								•••••		, , , , , , ,		• • • • • • • • • • • • • • • • • • •		· · · · · · · · · · · · · · · · · · ·	•••••	• • • • • • •	• • • • • • •	• • • • • • • •
JEAN	24.5	31.6 	5.1	1 7 - 3	8.7	7.7	2.6	1.5	1.0	!				47.4	196	• 5	33.9	TRACE
1 60	1 42.7	26,0	6.8	i 9•ni	5.2	3.41	5.1	5 • 3	.6	į			į	* 3.3	177	16.1	25 ∙6	TEAU
₩ V.S	1 5: . 7	26.5	7 .()	9.7	2.2	1.6	.5	1.6	.5				t t	27.2	195	• "	16.3	1 • '
¥ t.,5	78.1	12.6	3.3	2.1	2.2	•5			.5	, !			ļ	۹.٠	1 9 3	•	12.5	TRACE
M AY	91.2	2.8				į				, 	. !	!			214	TRICE	FRACE	• ~
JUN	 186.6	i			i	i	i			i	1.			,	217	. 8	.0	• "
JII	100.00		ı			1				Ì	:	}		: ! :)	276	٠٦	•0	• 1
A (5	1"4.0			1 1					; † !	` {	! !		1		207	٠٦	• 0	• 0
7 t b	iro.a L			i i	i		j		!	1	· •	!		1	140	• 0	• 0	٠,٦
0(1	1 24.0	5.1				į	. ,			, !				i i	157	TRACE	TRACE	• 12
•⁴ C∧	66.7	21.4	1 •5	5.3	1.5	.81	ر ا ة، ا		! !	i i		: !	 	6.9	131	• ^	E . 4	TRACE
l-FC	28.7	30.5 	7 -8	110.2	10.2	3.7	3•€1	7.4	1 1 • 2	1	1	! !	 	1 41.7 1 41.7	167	• 0	61.9	TRACF
	·	· · · · · · ·										• • • • • • •						
A NN	1 73.6	13.01	2.6	1 4.5	2.51	1 - 4	1.4	.6		1 -1	1 -1	1 - 1	l	1 13-4 1	2241.1	16.1		

EXTREME VALUES OF SMOWFALL LEROM DAILY OBSERVATIONS!

STATION NUMBER: 143707 STATION NAME: FT DRUM NY

FFFTCH OF BECORD: 7F-87

						24	HOUR AM							
	- 1						-M-0-	N-1-1-5-						/ L L
YF AD	1	JAN	£ l l	AVE	168	MAY	JL N	JLL	AUG	*; P	e (, T	NO V	LEC	MO1. 1 H/S
73	٠,	•••••		• • • • • • •			• • • • • • • • •					• • • • • • • •	* '8405	• • • • • • • • • •
79	- 1	* TRACE	*13 # CE	* 1 . C	#TR/CL	• • (1	*.0	*.0	* • · i)	4.0	* TRACE	* I . 1	• . 2	* 1 . i
4.3	- 1	**.)	*7	*6 . C	4.3	••0	• 13	• • U	*•0	٠.۵	# TRACE	*4.C	• 4 . 2	* 1 . i.
P 1	- 1	• 5 • 0	♦5 • F	• 1 . 0	# TRACE	••0	• 0	• 0	••0	• • 0		* TRACE	#3.0	
۶,	1	*2 · 3	•4 .;	* 3. U	٠ C	•.0	.0	• 0	*. ()		4.0	•1.0	*4.0	64.
4 3	-1	•3.0	•5 .(*1.0	♦ 7 • □	TRACE	• n	• 0	• C	• ^	٠.:	★3. □	*22.1	• 7 2 • 1
ન વ	- 1	•9.7	6 • L	• 4 . P	*TR #(TRACE	• 0	. □	e • O	٠.٥	•.0	*1.4	•4.3	64.7
• 1	- 1	*4.1	*4 · i	⇒₹. 7	+ 1 . 4	• 0	• 0	• ()	• C	• . ()	*.C		*13.1	•13.1
	- 1	*6 * ¹⁷	•3 .H	*8.O	• 1 • 3	*TRACE	• • 0	* • O	• • G	•.~	OTRACE		*Z.6	
4.7	i	•4.4	•4 •£	*1.F	• 2 • C									
₩ F A N	ï	•••••				TRACE	•00	.00	.00	• • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • • • • •
5.1.	1						.000	• 000						
7550 JA	1	194	177	185	18 1	214	217	226	207	180	15.7	131	167	2240

NOTE . CRASED ON LESS THAN FULL MONTHS 1

MONTHLY SNOJEALE (FROM DAILY OBSERVATION)

STATION NUMBER: 743760 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-87

						TOTAL		SNOWFAL	L IN INC	465				
	ŧ						- M - O -	N-1-1-5-						ALL
YF AR	ı	JAN	r f _t	MAR	AP R	MVA	JL N	JLL	V C. C	(l b	#ET	NOV	LEC	MONTHS
7.8	΄,	• • • • • • •	•••••			•••••	••••	• • • • • • • • •	• • • • • • •	• • • • • •		• • • • • • • • • • • • • • • • • • • •	*TR#CF	• • • • • • • •
7.9	-1	*TRACE	* TRACE	*1.C	* TR AC!	* . [,	••0	•.0	••0	*.7	* TRICE	*1.1	• . ,	*:.3
8 O	- 1	414.0	*15 .5	•16 . ?	*.3	* • O	• • Ü	ن . ♦	•.0	♠ n	ETRACE	♦5. 0	•24.S	• 76 - 5
e 1	1	*15.0	*25 at	◆5 • D	ATP ACE	*.0	• 0	• 0	* • O	•		*TRACE	011.4	
52	1	*14.6	*15 .	*1A.C	 2 • f₁ 	* • C	• 0	• 0	•.0	*.0	9 • C	•1.C	*5.0	or ; . 6.
5.3	1	*10.0	*7 .C	•] • [*1 2 • 5	TRACE	٠,	. 0	• []	• 7	* . (* B . 4	◆5€.6	*99.5
4 4	ļ	433.0	16.1	410.8	*TRACE	TRACE	• 0	* . C	• • 0	*.7	*.೧	*1.4	*12.4	675.6
۶5	1	#3C • 8	* 17 - 1	*4.5	* `• 1	• 0	• 0	• 0	• D	*.1	٦. ٥	*1.7	•61.7	*117.7
PЬ	Ţ	421.9	*14.5	*14.8	• - 1	*TRACE	••0	۰.0	* • D	• . 0	0 1 D V (L		•11.0	
5.7	ı	*21.6	*11.5	•1 • 1	* 7. 9									
MEAN	ï	• • • • • • • •	•••••			TRACE	.00	.00	.00		• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • •
5.0.	1						.nun	.000						
11 085	1	196	177	185	18.3	214	217	226	20 7	1+0	157	1 3 1	167	124

NOTE * TRASED ON LESS THAN FULL MONTHS!

0.F.C

A VN

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SNOW DEFITH

48-100 OF SECUPD: 44-45. 78-47

4 27.0 L 27801

STATION NUMBER: 74370 : STATION NAME: FT DRUM NY

12.0 | 13.0 | 9.6 | 13.0 | 6.7 | 16.8 | 6.7 | 8.2 | 13.9 |

1 67.4 | 5.61 3.4 | 2.71 1.51 5.01 6.21 6.01 1.91 .1]

AMOUNTS IN INCHES 4 | 7 | 13 TO | TO | TO 6 | 12 | 24 25 t 10 t 36 t 37 | 49 10 | 10 49 | 60 | 1 BAYS| TOTAL!
| = | ITH | |
| = MEAS | OPS |
| = AMTS | | PONTHLY AMOUNTS 125 j. i 3 MONTH I NONE [TRACE! 1 I MEAN GREATEST LEAT 3.2 3.6 16.7 74.4 77.6 JAN 3.6 5.01 1.8 r 1 . A 2211 FEE 7. 1 3.71 2141 5.41 3.61 13.5114.81 62.5 26.5 AFP 1. 94.1 232 100.0 2761 MAY JUN 1100.0 : 111 1 79.7 JPU .31 1170.0 405 2611 210 1100.0 2211 0 CT 1100.0 1001 1 79.1 1 NCA 9-31 7-0 | 1-71 -61 2-31 11.5 1 1721

GLOGAL CLIMATOLOGY PRANCE USALETAC ALV WEATHER SERVICEZMAC

EXTREME VALUES OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

STATION NUMBER: 743700 STATION NAME: FT UPUM NY

PERIOD OF PECORD: 44-45, 78-87

					υA		W DEPIH II	N INCHES							
1	-M-0-N-T-H-S-														
YFAR I	J & *1	FER	MAP	APR	нд ү	JUN	JUL	AUG	ረ೯ኮ	0.01	40 A	[F C	HUNTH		
44 1	•••••	• • • • • • •	• • • • • •		0	0	• C	Ċ	n	۰۰۰۰۰	• 6	34	• • • • • • •		
45 [436	* 34	• 8	• }	O	O	0	• 3							
71 1									• 0		• "	•12			
79	*15	* 1 °	* P.	# 4	◆ G	• 0	♦ €	*O	• **	* C	e 4	• =	• [
40 1	* 6	· 17	014	*TRACE	* O	• 0	*TRACE	• n	• *)	٩Ċ	• 4	• 0	• 1		
81 l	• 20	⊅] H	• 2	* TP &C T	♦ f)	Ð	۵	• 0	• F1		*TRACE	• S			
92	•1.3	0.19	+ 9	* 2	+ ()	0	Ω	• 0	• 3	* C	+ 1	+ 3	• 1		
a 3	4	•6	* 1	# FF	0	e	0	C		* f)	• 2	35	• 3		
F 4 1	*47	19	+15	♦ (7)	O	C	* (3	* C	* O	* C	+ 1	•15	• 4		
#5 T	+ 28	# 25	* 7	• ∂	()	0	0	e	6 13	٥٥	*TRAC!	× 3 9	• 7		
a 6 1	27	# 21	* 2 ft	• 1	* ()	♦ []	◆ D	♦ C	* □	♦ C		+ 4			
87	• 1 5	* 11	* 6	• 1											
HEAN	• • • • • • •		• • • • • •		ი	•0		•0					· • • · • · · ·		
5.5. 1					.000	.000	• 000								
L 085 1	221	2.14	223	232	276	211	287	761	27.1	158	172	. U B	278		

NOTE * IBASED ON LESS THAN FULL MONTES!

EXTREME VALUES OF SURFACE WINDS (FROM DAILY OBSERVATIONS)

STATION NUMBER: 7437GC STATION NAME: FT DRUM NY

PERIOD OF MCCORD: 70-74, 78-57

	1	TAILY FEAK GUSIS IN KNOIS															A	ALL									
YEAR	i] i: A t	1	FEHI	,	MARI		APR [1 4 Y 1		HAUL		JUL		4U5	•	SED1	4.	C 1 J	1	yov I		LECI		
7 E	1	• • • •	• • • •	••••	• • • • •	••••	• • • • •			.	181	26.0	291	24*	111	9.	·;;;	25*	26.1		•••	• • • •	• • • • •	• • • •	• • • • •	• • • • • • •	• • •
71	i		i		i		i		i	₹7. •											į		i		i		
7.	1		i		i		i		i	₹ 5	241	24 *	451	27+	411	25*	351	22*	171		j		j		Ĺ		
7.3	1		- 1		- 1		- 1	26*	201	23*	291	31 *	28	3 * *	431	32 *	221	27 *	3 3 1		- 1		- 1		- 1		
74	1		- 1		ĺ		i	270	191	17 *	411	26 .	351	350	401	24 *	241		- 1		1		ļ		J		
7 b	1		- 1		1		1		l l		1		- 1		- 1		- 1		- 1		- 1		- 1		i		
79	1		1		- I	190	461	240	531	25 *	271	2O*	321	26 .	221	26 .	331	3∶ •	341	180	281	25 *	411	20 €	341		
P ()	1									26 +																241	4 8
8.1	1									14 *																	
P 2	!									2 *																	52
8.3	1									21/																15*	
9.4	ļ									25 *																	
9.5	!									26/																24 •	49
P 6	1									26 *	311	29 *	371	26*	261	29*	56 1	2 u *	351	22*	341		- !	26*	401		
۰7	1	28 *	331	1 *	28	164	361	17*	321		l 	.													1		
MEAN	ï		i	••••	i	••••	i		ï	34	.51	3 9	5.01	3	1.01	21	10.6		ï		ï	• • • •	1	••••	;	••••	• • •
<.D.	i		- 1		- 1		1		- 1		1	3.1	9371	7.	5831		ı		- 1		- 1		- 1		- 1		
L OBS	ı		1891		1711		1891		.031	2	641		3321		3311		32 J	1	1991	1	471		1121		1621	2	62C

NOTES • (BASED ON LESS THAN FULL MONTHS)
5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES FROM SUMMARY OF DAY DATA

TERTOD OF RECORD: 44-45, 71-74, 75-2 STATION NUMPER: 743700 STATION NAME: FT DRUM NY SEP 0.01 DEC ASSUAL TEMPERIT MAG APR JHC AUG NAV ŭE 6€ .7 15.6 15.6 74.1 37.5 44.3 57.1 16.7 65.4 71.7 41.7 41.7 41.7 901 2.5 1.4 21.2 54.0 14 • 2 38 • 4 2.5 10.4 9.7 .4 .9 1 . 1 3 . 9 1.7 26.6 GF ant. 11.5 11.5 11.5 26.6 45.6 51.2 93.4 5.5 10.5 ,1.1 19.3 37.1 52.7 43.5 86.4 GE GE 75 [70] 45.3 75.7 69.7 85.8 91.6 97.7 5.6 5.6 16.7 27.8 41.7 6F 651 95.1 G E G E 6P] 55] 7 · 8 15 · 5 73 · E 47 · 7 67.7 81.9 93.7 97.4 98.9 99.7 99.7 100.0 1.6 6.0 13.7 24.5 76.3 6., 7.3 19.6 21.9 5 • 7 9 • 7 1 9 • 8 24 · 1 34 · 5 50 · 9 501 94.1 99.7 100.0 24.2 100.0 GE GE 76 · 1 67 · 8 451 98.0 100.0 61.1 33.0 44.1 351 68 - 1 75 · B 12.4 81.5 98.3 92.8 64 57.7 A6 .8 29.6 GF 56.2 120.0 12.5 94.0 96.1 91.8 98.8 90.7 96.8 99.1 73.5 93.5 83.7 89.9 97.0 100.0 GE GE 89.6 96.0 99.6 97.6 49.4 GF 98.4 190.0 40.9 99.6 99.1 120.0 GE -101 100.0 100.0 Mr AN | 71.2 27.4 40.4 54.1 65.0 50 | 11.557 13.443 13.318 12.27_C 10.404 48.4 (5.4 43.6 8.638 9.829 10.674 76.9 4.1 65.0 73.4 79.0 8.524 6.956 11.172 22.055 6.423 200 190 TOTAL ORS | 249 227 232 237 353 3282 380 391 367 . 41 216

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GLOBAL CLIMATOLOUY BRANCH CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPEFATURES USAFFTAC FROM SUMMARY OF DAY DATA ATM #EATHER SERVICEZMAC

STATICS NUMBER: JURIC STATION NAME: ET SRUM NY FERIOD OF RECORD: 44-45, 71-74, 74-

TEMPIFIE	JAta	F 6 34	MAR	AFF	MAY	JUN	JUL	A U (,	4,500	0.01	NOV	OfC	۸ ۷ ۸
				• • • · • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •		<i>.</i>		• • • • • • •	• • • • • • • • •	•••••
ist # 1							. 3						
61 75						1 + 3	3	1.6					. •
64 1 1					. 5	5.8	16.9	13.1	5.8				9.
61 651					• 5	16.2	44.0	13.5	14.1	1 - 4			1. •
GE # 11				1.7	12.5	26.5	70 - 3	c 7 . 8	24.2	4.4			
64 461			. 4	6.5	23.5	66.8	90 • 3	79 • C	45.4	12.0	₹.8	• **	34.
ur ' 1			1 - /	13.7	44.7	87.1	96 . 2	35.8	53.5	, 4 • 4	8.3		44.
ા વડ્ડો	. 4	: · 1	4.7	11.1	10.5	95.3	1 00 • 0	78.4	7 P . 4	'H . 3	15.0	1.5	٠,٠,
6f 4 ^c 1		۹.	15.4	12.1	A4 . 7	94.7		100 • C	96.5	56.0	28.9	5.5	61.
67 27 1		13.8	36.5	73.4	97.5				27.1	71.8	44.4	11.1	65.
UF 77	5.1	18.6	* 3	7H .9	98.6	100.0			97.9	16.6	54.4	16.2	71.
61 301	8 - 1	23. 1	4 4 . 3	9.1	100.0				71.5	£7.6	65.6	31.5	76.
GF 251	16.6	10.5	65.0	·6 · .					100.0	97.1	19.4	46 • R	81.
GE 201	28.3	4	75.4	18.3						116.0	91.7	. 8 . 8	9 4, 4
oF 151	39.3	5 3 . 1	85.5	98 . 7							98.9	69.9	AG.
GF. 101	49.3	63.3	91.8	.4.6							100.0	71.9	91
GF C		74.6	94.4	1 0								F5 • ₽	94.
ાં કહ	71.3	84.5	98.5									5 C + Z	9 8 .
61 -51	89.5	92.5	29.1									54.9	9.7
64 -1 1	69.1	96.5	100.0									46.3	ð t
ist -15	94.3	99.7										18.6	6.5
61 -201	46.4	99.6										100.0	ÇQ
UF -241	98.6	16.3.0											99
GF - 301	99.6												100
UF -351	100.0												100
	8.9	16.2	27.1	46 :	49.2	67,4	63.3	P • 0 4	53.2	41.7	33.8	20.5	39
	15.169	15.237	11.658	9.281	8 C13	7.463	6.548	7.454	9.756	10.137	10.168	14.106	20.4
TOTAL UPS L	247	226	2.74	237	34.3	3 0 0	391	367	241	200	180	216	12

GENUAL CLIMATOLOGY GRANCH USAFETAC AIR WEATHER SERVICEAMAC

CUMULATIVE PERCENTAGE OF OCCURRANCE OF MEAN TO MELDIAL, EX-

STATION NUMBER				. NA # E :									45, 71-74, ?:
TEMPTER	JAN	FEB	МАн	AFR	млү	JUN	JUL	A U (+		. (1	N TV	uF C	ANIMAL
L! 851	• • • • • • •		• • • • • • • •	•••••	• • • • • • • •	• • • • • • • •	••••••		• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • • • • • • •
6E ⊁11						2.6	5.9	1.	1				• i
15E 75 1					1 - 1	11.6	28.9	21.3					.,,
64 70				. 4	6.5	29.1	65.0	49.3	10.0	1.			
61 651				٠, ٠,	21.6	55.0	A7.5	14.9		1.7			
GE ETI			1.5	12.7	30.9	PC.B	28.5	92.4	56.9	15.1	5.4		4 1
6£ 551			0	.4.5	61.5	93.9	99.7	98.9	76.9	6.00 %	1	-	4,
6E 501		2.2	b • •	46.9	79.3	97.9	100.6	100.0	3	41.4	1		1 1 1
UL 451	. "	5 . 5	19.4	10.6	93.2	99.1			97.9	. 4 . 1	29.4	1 . 1	14.
GE 411	1.2	11.0	31.5	75.9	99.2	106.0			94.1	12.4	46.1	1	
GE 351	6.8	19.8	56.4	46.3	100.0				100.0	16.7	62.2	14.4	74 . 6
ur 301	14.9	31.7	46.8	95.8						1 3.3	A 1 , 9	43.5	41.4
GE 251	26 • 1	41.9	9 • C 8	48.7							о. н	5 ÷ - 7	h (,)
6F 231	₹9.8	55.1	87.1	~9 • ¿							99.4	64.4	21.7
0r 1el	51.4	57.8	93,5	1 G • U							100.0	11.5	9 . 9
6E 10]	63.9	91.1	96.1									11.5	94.9
ri i	78.3	88.1	98.7									C 61 . 44	67.3
u£ n.	P4.1	94.3	44.6									CH.6	74.1
91 -51	04.(97.8	100.0									44.5	49.4
6E -10	98.i.	99.6										11	40.4
UF -151	99.6	100.0											L/C+f
6F -201	100.0												130.00
Mran I	15.1	21.9	33.9	47.2	57.3	65.6	71.2	49.L	f 1 + 0	49.0	38.4	.5.6	46.3
1 92	13.012	14.031		10.324	8.526	7.307	5.649	6.379	A . 44 L	9.223	9.086	12.200	21.012
TOTAL DES 1	249	227	232	237	153	380	391	367	4.1	20)	100	، 16	

OF HAR TELEMATCHORY BRANCH CLAFFFAC ATO WEATHER SERVICEZMAN

TRIBERT WALUES OF MAXIMUM TEMPFRAFOLI TRIBERT WALLE OF CONTRACTOR

FRATION NUMBERS TARREST STATES NAMES OF COLMINY

SECTO OF 10080: 44-45, 74-74, 78-87

							FREE S FAL						
1						- M - ()	- N - 1 LH LS -						Ail
ALVE. 4	JAn	F F F	₩ A F	4.5	₽ A ¥	JL N	JUL	ALT.	* + 10	< 6.1	NOV	(1)	MOUTES
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9.9					5 f	9.5	474	94.	F '	14	1	4-1	
45	b :	4.5	H 1	F 4	σ,	- מנק	a 4	• 4 4,					
!!!													
74 1					* H 3	● H G	*A9	* A 9	 A 3 				
7.5					 € a 5 	+ n f	• • 1	• F. c	♦ ≥ 1				
7.3				es 1	7 [€].	* F 9	4 h G	* i= E	• - 1				
74				·, ·	• 8 }	• 9 %	• ., ,						
7 1									• 75	· /,	• f:	6.5.1	
7 9 1	• 4 1	* 4 .	ای∳	27 '	* # 4	* 1-4	. 9.	* K %	★ 1.	9 / 1	• *, *	6.14	e.5.
a	51	ø r	• 5.7	46.6	• 4 7	• 6 6	* # 4,	• 9 (• 7 3	s //	o 1. 7		• 14
⊣1	♦ €, *	* S.E	•67	· 1 ;	● 4 (1)	A 7	9.8	* 4 3	• e		* * *	.47	
٦. ١	• 4, 4.	4 ←	€ 5.7	* 7 "	◆ A ₹	8.7	7.1	♦ ⊕ 4		• 75	461	6 6 5	4
× * 1	44.	• 51	454	∓t, 5	7.7	ня	9.7	4	. 7	0.74	• b `	* 4 °	Ģ.,
0.4	• 4 1	٠, .	• € €	97°	H 4	H 3	64.7	● 月 甲	 2.% 	0/4	● 6 ×	• < 1	£ .
· ',	• 1	9 4 5	•67	< 7.9	8 (1	H 4	19.13	F-7	• ·· 1	11.6	 € €; □ 	£ 4 "	1:
n to [• ų ,	 u ; 	• 7 1	*81	*AC	• E 7	• 🖟 🕽	4 1	 ₹ 	^ (E		• 4]	
P7 1	441	◆ 5€	◆ 6 5	< 8.1									
ME VM I	• • • • • • •	54.5	• • • • • • • •	• • • • • •	н 81.я	a7.3	91.0	90.3	4.		• • • • • • •	• • • • • • • •	
1					3.493	1.639	1.581	•	• •				
L OB* 1	744	221	232	.37	353	360	791	167	2.41		18.	114	٠. ٤.

NOTES • (RASED ON LESS THAN FULL MONTHS)

H LAT LEAST ONE DAY LESS THAN , 4 OF ST

STOMAL FLIMATOLOGY REASON SAFETAC AIP WEATHER SERVICE/MAC

XIDEME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

ζ.

STATION NUMBER: 743700 STATION NAME: ET DELM NY

PERIOD OF FECORD: 44-45, 70-74, 78-67

1						-M-0	- N - T - H - S -	•					ALL
YI AP I	JAY	F. F. 2	MAR	APC	MAY	JUN	JUL	AUG	58.65	1167	NOV	180	MC+11.
44 1		• • • • • • • •	• • • • • • • •	• • • • • • •	31	41	•4 6	44	34	23	13	16	
45, 1	- t >	+4	13	2.2	3.1	3 3	4 8	449					
7 1													
71 I					6 \$ 3		445	*43	* 4 4				
7.					• 4 Z	* 4 4	*49	*45	*47				
7.5				* 5 1	• 36	• 4 5	*51	*47	★ ₹.ą				
14 1				ا را	* 34	•52	•5 S	* 55					
7 h									€ / 0	* .1	• 1 *	# - 5	
19 1	a - 1 7	- 32	• 4	125	• (9	•42	• u ·,	*42	6 7 7	۵ , ۵	6] [• • •	• ,
8 ty †	• - 7	• ~ 1.	• - 2	0 2 4	• 4 1	*43	•6C		+ 3.1	• , 4	• 1 t.	4 - 1 -	• 1
-1	• = 2 T	0 - 14	*1f:	425	• 3.2	42	4.9	•46	6 ₹,*		•17	• i *	
6		•	♠ f ⁿ	• =	• 4 4	49	5.2	+47	043	3 . F	4.54	• - 1 1	• • .
63 1	e - 7	• = F	• ["	076	36	4.7	4.6	4, 2	9.7	2, R	• 1 9	4-11	• ;
24 I	* ~ 2 Y	-13	• = 0	- 3 .	31	4.9	•5e	• 49	• 5 a,	a 3.f	• 1 4,	• 7	•
25	e - 14	• -b	4 7	•	3.5	4 3	51:	£ (1)	64.7	* . 1	● 2.9	c - 1	• :
F6 1	• - 1 9	• - (:	* 4	•2 €	• 3 2	# 4 1	* 5.1)	• 4 f.	e 2 p.	0,4		• 1	
9.7	•-17	• - 7	• 1	31 %								-	
"t ^ 1		-4.5	• • • • • • • •	• • • • • • •	33.6	47.4	51.6	49.(17.4		•••••	• • • • • • • •	• • • • • • • •
1					2 . 793	5.653	3.162						
น ้อยัง ไ	247	220	232	. 37	353	780	79.1	767	241	. ::•	1 # ~	.1+	*, *,

NOTES • (RASED ON LESS THAN FULL MONTES) • (RASED ON LESS THAN FULL MONTES)

GLUHAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETALING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ATR WEATHER SERVICE/MAC

STATION NUMBER: 743760 STATION NAME: FT DRUM NY PERIOE OF FECORD: 79-8%
MONTH: MAY HOURSTESTI: DREN-1160 VISIBILITY IN STATUTE MILES 6E 6E 61 4 1 2 1/2 IN 1 GE FEET 1 LO GE 3E GE GE GE 2 1 1/2 1 1/4 6 F G.E GF SE ` 1 1/4 5.78 1/2 1116 40 CEIL | 11.4 42.2 42.2 42.2 4..2 42.2 42.2 42.2 42.2 42.2 42.2 42.2 42.2 42.2 6F 200001 12.0 47.5 48.1 48.3 49. 1 49.3 48. 3 48.3 48.3 49.3 49.3 4 9 . 3 4 9 . 1 48.3 48.3 48.3 4 - . 5 160001 12.0 47.5 43.1 48.3 48. 1 48.3 48.3 48.3 49.3 48.3 48.3 48.3 40.3 44. 6f 160001 12.0 6E 140601 12.0 47.5 48.3 48.3 48.9 44.1 48.3 46.3 48.3 48.3 48.3 48.3 48.3 49.3 49.1 . 9 . 3 49.3 48.3 48.3 47.5 48.1 48.3 48.9 68 120 nol 12.2 49.9 48.9 48. 9 48.9 44.9 48.9 49.9 48.9 44.3 100001 12.3 90001 12.7 G€ GE 51.3 53.1 52 • 3 53 • 9 57 • 0 52. j 53. 9 52. n 53. o 52.0 53.9 52.0 53.9 51.9 53.8 52.0 52.L 53.9 57.0 52.9 52.9 57.2 59.8 53.0 52.0 53.9 52.à ς. ς., . . 80061 12.8 70001 13.1 55.8 57.3 57.0 59.8 56 . 4 57.3 57.0 57.0 57.0 57.C 57.0 57.7 59.8 57.3 59.8 ٠,. 6 E 58.3 59.1 59.7 59.B 59.8 59.8 59.4 49.8 59.8 44.5 60001 13.6 63.5 61.1 61.7 61.9 61.9 61.9 61.9 61.9 61.9 61.9 61.9 51.9 5000| 14.2 4500| 14.8 4000| 15.3 6 **f** 6 f 63.6 67.1 63.9 65.3 64.1 65.5 64.1 65.5 64.1 65.5 64.1 64.1 65.5 64.1 64.1 64.1 55.5 64.1 65.5 64.1 65.5 69.1 . . . 1 67.0 ⊕ € 66.1 67.9 68.0 68 • U 68.0 68.0 68.0 68.C 69.5 68.0 68.7 64.0 68.0 35001 15.6 30001 16.1 67.8 6 E 69.4 69.8 74.2 69.8 74.2 69.8 69.8 74.7 69.8 69.9 69.8 63.9 74. -25031 16.9 77.5 79.4 79.4 78.9 78.9 78.9 92.8 91.6 18.9 79.9 19.9 79.9 20001 17.0 18001 17.2 78.6 79.4 . E 81.9 82.7 82.7 92 . B 82.8 83.6 82.8 82.8 63.6 P2.8 87.8 яг. я яз. 6 87.8 63.6 йд.н 53.е 81.6 93.6 83-6 83.6 83.6 15001 17.2 84.2 85.5 86.6 87.2 86.7 87.5 86-4 A6.7 86.7 96.7 A1.9 84.5 47.5 A 7 . 5 10001 17.2 87.5 83.4 95.4 90.0 90.0 90.0 90.0 92.0 90.0 90.0 0.UP 97.0 9.01 17.2 54.7 84.7 87 . 7 87 . 7 89.1 93.5 90.9 91.1 91.4 91.6 92.3 91.6 92.3 91.5 92.3 93.3 91.6 92.3 93.3 91.6 91.6 91.6 91.7 *1.7 *7.5 41.7 89.2 89.7 6.6 #2.3 93.3 7001 17.7 6001 17.5 45.2 83 -1 91.4 92.3 93.1 23. 1 9 (. u 91.1 93.4 61 90.9 92.4 95.0 93.4 94.7 95-0 95.0 95.0 95.0 95.2 95.2 1901 17.2 Н6.4 Я6.9 99.5 91.7 93.9 94.5 95.9 97.7 96.4 79.4 96. 3 7.46 96.4 ω£ 4001 17.2 96.6 95.6 96.6 98.8 93.2 92.1 95.3 95.3 96.3 98.3 98.3 98.4 98.6 99.4 98.6 98.8 98.8 15 6 3001 LT.Z 86.9 93.2 98.3 96.4 99.1 99.1 9,2 19.7 29.5 99.4 99.5 00.4 2001 17.2 46.9 90.2 92.1 95.3 99.1 99.5 99.5 99.7 99.1 99.8 1, F 1001 17.2 92.1 95.5 76.4 99.3 99.1 99.9 99.8 99.8 01 17.2 A6.9 G.E. 93.2 92.7 96.4 98.3 99.1 99.1 99.5 97.5 99.7 99.9 100.0 100.0 110.0

: SMCITAVEJERO OF OPSERVATIONS;

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GLOHAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FRIQUENCY OF OCCURRENCE OF CFILING VEHSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMPER: 743700 STATION NAME: FT DRUM NY

PIPION OF PECORD: 79-87 MONTH: MAY HOURS(ES.1: 1700-1400 CEILING | GE VISIBILITY IN STATUTE MILES GE GE GE GE 3 E GE GE GE 4 3 2 1/2 r, { S E IN | GE FEET | 10 GE GE GE 2 1 1/4 GΕ 1/7 r/16 1/4 6 5 578 44.7 44.7 44.2 40 CEIL | 12.5 43.5 44.2 44.2 44.2 44.2 44.2 44.2 44.2 44.2 44.2 44... 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52... (...) JE 280 00 | 13.9 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 ut 18000| 13.9 Ut 16000| 13.9 52 • 2 52 • 2 52 • 2 52 • 2 52.2 52.2 52 • 2 52 • 2 52.2 52.2 51.5 52.2 52.2 51.5 52.2 52.2 52.3 52,3 53.3 52.3 53.0 52.3 53.0 52.3 14:00 | 13.9 51.7 52.3 52.3 52.3 52.3 52.3 52.3 52.3 120001 13.9 53.0 53.0 53.0 53.0 $\mathfrak{c}_{i},\mathfrak{c}_{j-\frac{1}{2}},\mathfrak{c}_{j}$ 100001 13.9 55.5 55.5 55.5 55.5 55.5 55.5 55.5 55.5 55.5 55.5 55.5 54.9 58.1 56.0 59.4 56.0 59.4 56.0 59.4 56.0 59.4 56.0 59.4 56.N 59.4 56.0 59.4 56.0 59.4 90001 13.9 80001 14.4 55.0 59.4 56.U 59.4 56+0 59+4 56.9 59.4 56.0 59.4 St. . . υE 70001 14.7 67.2 62.2 62.2 62.2 62.2 62.2 62.2 62.2 62.0 62.2 66 60001 10.4 62.2 64.2 64.2 64. 64.7 64.2 64 . 2 64.2 64.2 54.3 64.2 14.1 64. 50001 16.5 65.9 69.0 68.0 68.0 1 ... 69.3 68.0 68. 1 68.0 68.0 68.0 68.0 (, F 68.3 68.3 68.3 69.0 70.9 72.2 45001 16.8 69.0 69.0 69.0 6.0 69.3 4.4 i, (56.9 69.3 69.13 69.0 69.0 69.0 69.0 69.0 4000 | 17.1 3530 | 17.4 68.5 10.7 72.0 73.7 72.3 79.9 10.9 12.2 10.9 12.2 70.9 70.9 70.9 72.2 19.9 12.2 70.9 72.2 17.9 70.9 l₂ F 72.2 78.6 75.4 (, F 25001 18.9 20001 18.9 79.1 83.0 87.8 83.2 89.3 93.2 83.2 83.2 83.2 83.2 я**3.**2 99.П 93.2 83.2 93.2 #₹.2 59.3 9 1 . . 85 . . 93.5 88.0 88.0 84.0 88.0 95.9 88.0 88.0 88.U 18001 18.9 15001 18.9 A3.A A5.1 87.2 85.5 89.2 89.6 89.3 88.3 90.2 88.3 90.2 88.3 90.4 88.3 90.4 96.3 88.3 89.3 90.4 86.3 93.4 i, F 88.3 A8.3 88 · 3 93.4 90.4 90.4 12301 14.9 91.7 91.7 17.371 18.9 9.81 18.9 д7.П Р7.2 Р7.4 93.0 93.0 91.0 73... 91.4 93.4 91.6 91.5 91.8 92.H 91.3 92.8 93.3 93.0 93.0 93.0 5 t 6 f 92.A 93.0 93.4 93.4 9001 19.9 94.6 93.4 94.6 91.5 74.1 94.2 94.4 94.6 24.6 94.5 94.6 92.5 94.4 94.4 93.5 94.5 94.9 95.0 96.1 75.0 95.0 95.2 96.3 96.7 96.5 96.3 93.1 91.1 91.1 98.9 99.7 94.9 97.4 78 · 1 76 · 7 98.2 98.9 98.6 99.4 4.89 99.5 98.9 99.7 98.9 99.7 99.9 9. HF 4,61 19.6 8.6 49.4 99.8 3001 19.0 1, 6 99.8 95.4 97.0 98. 9 99.0 99.5 99.5 99.7 99.6 97.A 99.8 99.8 99.4 93.1 2001 19.0 1001 19.0 95.4 48.9 99.0 99.5 99.5 99.7 4. CP 99.8 100.0 100.0 100.0 100.0 υE 11 19.0 93.1 95.4 97.3 98.9 99.0 91.5 99.5 99.1 99.6 99.8 109.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTASE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUSLY OBSERVATIONS

		•	743700									MONTH	CF FEC	HOURS	(LST):		
	LING	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •			IN STATE			• • • • • •	• • • • • • •		• • • • • • •	• • • • • •
I	¥	r, £	SF	SE	ĠΕ	6.6	65	GE	GE	G E	GE	S.E.	C (یا ر:	65	5 t	a E
		1.0	6	ë	4		2 1/2		1 1/2		1	1/4	3 / B	1/2	C/16	1/4	.:
٠.					• • • • • •				• • • • • • •	• • • • • • •				• • • • • • •	• • • • • • •		• • • • • • •
'n	CETE	22.3	47.1	48.4	48.4	44.4	46.4	49.4	48.4	49.4	49.4	42.4	48.4	49.4	48.4	49.4	T ₆ E _ cq.
r	200001	23.9	54.8	55.1	56 - 1	56.1	56.1	56 • 1	56.1	56.1	56.1	55.1	56.1	55.1	5.6.1	56.1	e 1
	180001		54.8	55.1	56 • 1	56.1	56.1	56 1	56.1	56.1	56.1	55.1	56.1	56.1	55.1	54.1	51.1
	16"001		54.8	55 • 1	56.1	56.1	50.1	56.1	56.1	56.1	56.1	56 • 1	c 6 • 1	56 • 1	56 - 1	56.1	51.1
E	140001	23.9	54.8	55.1	56.1	56.1	56.1	56.1	56.1	56.1	55 - 1	55.1	56.1	56.1	56 - 1	5 1	5 5 . 1
ŧ.	120001	23.0	55.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	4.7.1	57.1	57.1	67.1	57.1	57 - 1
F.	100001	25.2	60.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	11.9	61.9	61.7	61.9	61.9	11.9
F.	40.00		61.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	6.3 • .1
£	9000		65.5	67.1	61.1	67.1	67.1	67.1	67.1	67.1	67.1	57.1	67.1	67.1	57.1	67.1	57.1
٤	1000		66.5	69.1	68.1	64.1	6R. 1	68 • 1	6 A . 1	68 · 1	63.1	54.1	68.1	68.l	63.1	69.1	e-5 + 1
ŧ.	60001	29.7	69.1	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	50.7	49.7	69.7	44.1	69.7	4.4 . 7
E		29.0	71.0	72.9	72.7	12.4	12.9	72.9	72.9	72.9	72.9	11.9	72.9	12.3	72.9	12.9	12
٤		29.7	71.9	73.9	73.9	73.9	73.9	73.9	73.9	13.9	73.9	73.9	73.9	73.9	73.9	17.9	13.4
F		29.7	15.2	77.1	77.1	77.1	77.1	77.1	77.1	11.1	77.1	17.1	77.1	77.1	71.1	77.1	77.1
E.		27.7	76 - 1	79 - 4	78 - 4	79.4	78.4	78.4	78.4	78.4	79.4	7 9 . 4	78.4	18.4	78.4	79.4	1 4
	3: 00	29.1	79.U	81. 5	82.3	82.1	92.3	82.3	82.3	82.3	P2.3	भारा के इ	92.3	H2.3	P.7.3	H2.3	P 1
F	25001	30.3	P3.5	85 - 1	86.3	87.1	87.4	87.4	87.4	67.4	A7.4	87.4	97.4	87.4	87.4	n7.4	#1.4
ŧ		30.3	84.h	87.7	88.4	89.3	89.4	89.4	87.7	89.7	P9.7	37.7	99.7	89.7	P 4 . 7	49.7	89.7
ŧ		37.3	P5 . 2	89.4	99.3	89.7	90.0	90.0	90.3	90.3	30.3	97.1	30.3	90.3	93.3	90.3	51
f		30.7	26 • 1	69.4	3) • P	90.5	91.0	91.0	91.6	91.6	31.6	71.6	11.6	91.6	01.5	* I + 6	91.5
	12/00/11	37.3	47.1	90 • 3	91.0	91.5	91. 9	91.9	92.6	92.6	92.6	4.4	92.6	97.6	92.6	90.5	
	10001	37.3	87.4	92.5	92.3	92.9	93.2	93.2	94.2	94.2	94.2	94.7	14.2	94.2	94.2	94.3	٠, , ,
f		3 € • 6	57.7	91.3	92.9	93.5	93.9	93.9	94.8	94.8	94.8	74.H	94.8	94.8	04.8	94.8	74."
•		30.€	97.7	91.3	92.9	93.5	94.2	94.2	95.2	95.7	95.2	95.2	95.2	35.5	0 <	99.7	25 .
F		31.0	88.7	92.3	94.2	94.P	95.5	95.5	96.5	96.5	96.5	34.4	₹.5	96.5	96.5	31	94
f	60°71	31.0	89.U	97.5	94.5	95.,	95.8	95.8	96 • 8	96.8	96.8	16 a	96.8	95.A	96.A	76.A	¥ 5 • B
•		31.3	99.7	93.5	95.8	96.4	97.4	97.4	98.4	98.4	93.4	99.4	98.4	98.4	94.4	99.4	24.4
ŗ		31.3	89.7	93.5	95.8	97.4	98 - 1	99,4	99.4	99.4	49.4	77.7	99.7	99.1	99.7	49.7	99.7
ŧ		31.3	99.7	91.5	95 • 8	97.4	78.4	98.7	99.7	99.7	39.7	107.0	105.6	100.0	101.3	10.1.0	1
r F		31.3	87.7	93.5 93.5	95.8 95.8	97.4	98.4	98.7 98.7	99.7	99.7	99.7	100.0	100.0	107.0	173.0	100.0	100.0
r	10.11	34. 1	n 7 • 1	73.5	77.5	47.11	98.4	44.1	99.7	99.7	99.1	100.3	100.0	100.0	140.0		105.0
F	0.1	51.3	A9.1	43.5	95.3	97.4	99.4	98.7	99.7	99.7	99.7	100.0	190.0	100.0	170.3	107.3	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FRIQUENCY OF OCCURRENCE OF CEILERS VEHSUS VISIBILITY FROM HOURLY OBSERVATIONS

_				SIATI			•					MONTH	: 4Αγ	HOURS	(cST1:	ALL	
ILING		• • • • •	• • • • • • •		•••••	• • • • • • •	•••••			IN STATE			• • • • • • •	• • • • • • •	•••••		• • • • • •
IN		5L	GE	5.6	51			GE	GE	5.6	GE	21	51	St.	u f	÷+ E	,, F
E E T		10		· · · · · · ·		, 			1 1/2	1 1/4	1		, / 8	177	, 119	1/4	
CEIL	. 1	13.3	42.4	45.8	43.8	H X . 3	45.9	44.3	44.0	44.0	44.0	44."	44.3	44.1	44.0	44.0	44.
2000	i oc	14.6	48.7	50.3	50.4	50.5	54,5	50.5	50.5	5).5	50.5	50.0	5.00	53.5	515	1. 1. t,	r
1800	10 i	14.5	48.7	50.3	53.4	50.5	50.5	50.5	5.3.5	50.5	50.5	5 70 _ 5	50.5	57.5	50.5	50.5	٠
1601	o i	14.6	48.7	53.3	5Ĵ.4	50.5	50.5	5:1.5	50.5	50.5	50.5	4.1.6	(1.5	53.4	£ ;; . ;	c.	
1400	10.1	14.6	48.8	53.4	40.5	50.7	50.5	50.6	50.6	50.6	57.6	53.6	57.5	57.6	53.6		
		14.6	49.5	51 - 1	51.1	51.7	61.2	51.7	51.3	51.3	51.3	11.1	11.3	41.3	51.3	41.1	1.
1020	10 I	14.9	52.3	54.1	54 . 1	54	54.2	54.3	54.3	54.3	54.3	C	54.5	54.5	64.1	54.3	۲.,
		15.1	53.7	55.6	55.7	55.8	55.8	55.8	55.8	55.8	54.9		(6.9	55.9	(5. 3	55.0	
		15.5	57.0		59.4	50.5	59.5	59.6		59.6	49.6	1.3.4		59.6		-	
		15.8	59.2	59.9					59.6				53.6		59.6	6.2.4	4.1
				61.4	62.0	62.2	65.5	62.2	65.2	62.2	62+3		to 7 • 5	62.3	62.5	67.3	•
61 () (1)	16.4	63.7	63.0	6.5-1	6 3 . n	63.9	63.9	63.9	63.9	45.9	63.9	6.4.3	53.9	V 5 * 0	F (. 9	53.
500	101	17.3	63.7	65.2	66.9	6	67.1	61.2	61.2	67.2	67.3	4.7.3	1.7.3	67.3	67.3	1. 7. 3	67.
450	in l	17.9	65.2	67.7	68.3	68.5	61.6	6 R . 7	68.7	6 R . 7	68.8	64.8	(4.6	6 A . u	68.8	64.4	he.
4~0	101	18.5	67.9	73.5	71.3	71.1	71.8	71.8	71.8	71.8	71.8	71.4	71.8	71.9	71.3	71.9	71.
35.0	na L	18.R	69.4	72.2	73.0	73.2	13.4	73.5	73.5	73.5	73.6	77.6	77.6	73.6	73.6	77.6	77.
30.0	101	10.3	73.4	75.4	11.5	77.3	78.3	78.1	78.1	78.1	79 - 1	79.1	78.1	78.1	78.1	74.1	7 · .
36.0	in 1	10.0	75.9	63.3	81.5	81.7	HZ • 1	82.3	82.3	в2.3	82.3	дэ. х	37.3	82.5	9.1.3	52.3	b2.
		20.1	43.1	83.4	#5 · 1	85.7	86.1	86.2	86.3	86.3	96.3	55.3	A 5 • 3	86.3	Au . 3	35.3	86.
		27.2	8J.5	81.3	95.6	8.5	H6 + 5	86.7	86.8	55.8	95.8	96.9	86.8	96.9	R6 + 8	86.9	86.
		20.2	92.0	85.9	97.3	84.	88.5	88.7	88.9	89.g	98.9	58.9	49.9	89.7	ng.9	84.9	
		20.2	82.5	85.4	P7.9	68.	89.3	89.6	89.7	69.7	99.8	87.8	P7.8	89.9	99.8	87.9	£9.
		20.2	83.5	87.6	89.2	90.5	91.0	91.2	91.4	91.4	91.5	¥1.5	21.5	91.5	91.5	91.5	41.
		20.7	84.0	83	4J•J	91.1	v1.8	32.1	92.3	92.3	92.3	92.3	92.4	92.4	04	92.4	35.
		21.2	P4 - 1	89.4	8.1 • 5	91.7	97.3	8" د ف	93.1	93.1	93.1	93.7	95.3	93.3	95.3	01.1	93.
		20.3	84.6	89.9	91.8	92.3	93.0	91.6	91.9	93.9	9.7.9	94.7	44 • 1	94 - 1	04.2	94.2	94.
į, ti	10.1	20.3	45.O	89.3	71.4	93.7	93.9	94.6	95.1	95.1	95.1	95. (34.4	95.4	95.5	95.5	95.
		69.4	85.4	97.0	92.3	94.5	95.4	96.2	96.1	96.1	96.9	97.9	27.1	97.1	97.2	97.2	97.
		27.4	85.L	93.2	92.1	25.5	96.4	97.3	91.9	98.0	98.2	19.4	99.5	98.5	98.6	99.6	96.
3 U	30 l	20.4	45.6	33.7	35.8	95.4	96.b	97.9	98.7	98.8	99.0	99.2	99.4	99.4	29.5	99.5	99.
2.0	101	20.4	я5.7	93.3	92.9	99.9	76.7	99.1	99.9	99.1	99.4	30.6	99.8	99.4	19.9	100.0	100.
10	in į	20.4	P5 + 7	6. Co	45.3	95.4	96.7	98.1	78.9	99.1	99.4	10.6	99.8	99.Á	00.9	100.0	100.
	n E	20.4	45.1	90.3	92.9	95.5	26. 1	98.1	99.9	99.1	99.4	99.6	99.8	99.0	100.0	100.0	100.
		4 10 4	79.1	71.3	46 . 4	* 1 * 3	76.	4 H = 1	44.4	44.1	44.4	44.0	44.8	44.4	111U - U	100.0	1 1 2 4 1

GLOBAL CLIMATCLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPATIONS OF CELETING VERSUS VISIBILITY FROM HOUSEY OBSERVATIONS

5.1	VIIUM	ΝU	ми. 9:	741700	51 A I [ON NAME:	FTJ	A P M M d					DEPIGE HTARM		P): 79 Hours	-97 (6511:	J6⊋0-9¶	
				• • • • • •		• • • • • • •											.,	• • • • • • • •
	IUING IS			SE	از	3.5	6.5	6.			IN STATE		1 S GE	5.4	SE			
	EFT		1.0	.,(a / 5	J E 4	65		G F	1 1/2		6 E 1	1/4	578	17.2	9E 5716	61 174	ا با
															172			
•					• • • • •								• • • • • • •					
ΝO	CEIL	ı	13.9	42.1	44.2	45.7	46.1	44 3	46.6	47.0	47.0	47.0	47.17	47.0	47.0	47.3	47.5	4
	2000			46.6	49.3	94.7	51.5	51.3	51.7	52.1	52.1	52.1	62.1	97.1	52.1	* Z • 1	52.1	i
	1800			46.6	47.3	50 . 7	51.3	51.3	51.7	52.1	52.1	52.1	· · 1	5 d • 1	5.2 • 1	°2 • 1	10.1	· 2 • 1
	1670			40.6	49.7	53.7	51.3	51.3	51.7	52.1	52.1	1.5	5 7 • 1	62.4	52.1	1	5 1	5. • 1
	14"35			47.	5	51.5	r 2 • 1	52.1	57.4	52.8	52.9	52.8	52.9	8	52.4	52 - 4		
1 . ?	1.700	. 1	14.7	47.6	51.0	52 - 1	5.46	52+5	53.0	5 3 • 4	53.4	53.4	5 5 . 4	53.4	51.4	(3.4	57.4	
6.5	1000	2.4	15.2	49.4	51.7	54.9	55.4	r, c, , q	55.8	56.2	56.2	4.5.2	56.2	56.2	55.2	56.2	56.2	٠
6.1	9			51.9	55.4	57.3	57.0	57.9	58.4	59.8	58.8	58.8	SAA	5 9 . A	59.4	58.5		
., r	អ"G"	1 1	17.7	r, r,	59.4	61.2	61.4	61.8	62.4	62.7	57.7	62.7	62.7	62.1	62.7	62.1	1. 1. 1	6.0
53.5	10.0	1	17.7	64.6	57.7	62.0	62.1	62.1	63.3	63.7	63.7	63.9	61.9	61.9	63.0	63.3	17.3	+1
٠, د	6.,9	11	16.5	46.9	61.4	63.1	64.4	54.¥	65.0	65.4	55.4	65 • 5	65.5	15.5	65.5	64.45	t, *, • *,	15.15
., 1	4, 1, 1	91	19.5	59.0	63.7	65.9	66.7	56.1	67.2	67.6	67.6	67.8	6 7 . R	67.8	67.a	61.4	, 1,4	6.7.4
4.4			18.5	CQ	63.1	65 - 1	66.9	56.9	57.4	67.8	61.8	63.0	50.0	68.0	69.3	F-19 . 3	60.5	
1,5		-	13.1	F-1 - 4	65.7	69.5	70.5	70 - 6	71.2	71.5	71.5	71 • 7	71.7	71.7	71.7	11.7	71.7	11.7
o f			1 !	62.9	4.4	71.5	72.5	12.5	73.0	73.4	73.4	73.6	73.6	73.6	73.6	7 1 - 17	7 1 . 6	* *
» f	5 71; ;	11 1	19.3	titi • u	77.4	74 . J	75.3	75. 3	16.0	76.4	76.4	76.6	16.6	76.6	75.0	16.5	71.1	71
1, 6			19.9	67.6	71.	75.5	74.1	78.5	19.2	79.6	79.6	79.9	7 2 . 8	19.8	79.A	72.4	7 % . R	2
. 1				1.3.3	$I^{\pm} + 1$	74.9	А".,	81 . 9	81.8	92.2	82.2	R 2 . 4	47.4	F.2.4	4 ، ۲ ، ۹	9,1.4	F 7 . 4	£
: †	14 .			17.3	15.5	79.9	81.5	81.9	82.8	93·1	83.1	83.3	4 . 3	23.3	93,3	0.1 . 3	43.3	6.7.
٠,٠			. å *	71.7	1 1	83-1	85.	95.4	85.5	86.7	86.7	P6.9	5 L • Q	H 4 + 9	86.7	95.9	46.0	4
. !	1 10	. 1	20.4	7.1 • H	14.4	44.5	H 44 - 1	17.6	88.6	44.1	69.1	да.3	49.3	49.3	99.4	49.5	н	
, F	1 '	r: I	2.6	7 (, 4	F:	6, 1	64.1	h9.7	91.0	91.6	91.8	92.3	23.3	97.3	32.5	03	42.3	4.2.3
1,1		1	1.0	7 (61	95.7	ь 4	917.1	91.6	92.1	92.3	97.9	41.0	93.4	92.2	9		
1	a .;	11	. · ·	14.7	47.6	97.9	90.1	91.2	92.7	93.3	93.4	94.0	94.0	34.0	94.5	94.3	94.5	6.4
., 4	1.1	· 1		7 4	F	87.8	93.1	41.2	92.9	93.6	91.8	9.40) u . a	99.8	94.4	94.4	งน ู ค์	V4
13.5	t 1'	n	,	14	87.40	5 A j	Q / u	9. • 5	94.4	75.1	95.3	96.5	96.3	96.5	96.3	76.3	46.3	4.1
ان			27.6	74.1	81.0	લગ્ય	91.4	93.3	95.1	96.3	96.4	97.4	97.4	97.4	97.4	97.4	97.4	47.4
1.5			.111 - 11	74.7	h 4 • 1	PH . 6	91.5	23. q	95.3	96.8	91.0	99.1	99.1	38.1	93.1	1.82	94.1	44
· • f			¿^. ^	74.3	43.1	89.H	97.1	74.)	96.1	97.9	98.1	99.3	90.3	77.3	99.3	99,4	34.4	+ + + 1
ı. €			. C+6	74.4	81.1	ян.н	92.1	94.3	96.1	97.9	1.86	99.4	22.4	39.4	99.4	20.6	49.6	94.4
٠, ٢	107	1	2.1.4	74.3	4.1	44.8	92.1	94. U	44.1	97.9	98.1	99.4	93.4	99.4	99.4	30.6	99.q	100.0
Ç, f		H	29.6	14.3	45.1	44.8	91.1	94.J	96.1	97.9	98-1	29.4	92.4	99.4	99.4	74.6	99.9	1.3.3

GLOBAL CLIMATOLOGY BRANCH L'SAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILLING VERNOS VISIBILITY FROM HOURLY OBSERVATIONS

				STATI								MONTH	OF HEC	HOURS	TESTE		
	ILING	• • • • • •	• • • • • •			• • • • • •	• • • • • •		Y 11 11 9						•••••		******
		GE 10	6 E	3 E 5	á€ 4	65	6E 2 1/2	GE 2	GE 1 1/2	61. 1 1/4	6£ 1	6.E 57.4	5 (8	3E 172	25	174	. •
N O	CEIL	14.6	44.5	45 . 3	47.5	44.3	48.3	44.3	48.3	48.3	48.3	48.3	48.3	48.3	4 4 . 3	45.3	4
	200001		49.8	52.2	53.4	54.2	54.2	54.2	54.2	54.2	54.2	54	4.2	54.2	(4.2	54.2	6.
	190001		49.6	52 • 2	53.4	54.2	54.2	54.2	54.2	54.2	54.2	5.9	54 + 2	54.2	(4.7		• •
	160001		49.8	25.5	53.4	54.2	54 • 2	54.2	54.2	54 • 2	54.2	54.2	54.2	54.2	4 . 2	6,0	1.4.
	140001		49.8	52.2	53 • 4	54.2	54.2	54.2	54.2	54.2	54.2	54.	54.2	54.	4.2	54 * 4	
6.5	120001	15.2	50.3	52.5	53.8	54.6	54.6	54.6	54.6	54.6	54.6	54.11	54.6	54.6	54.6	54.4	4.
G E.	100001	14.9	54.3	57.1	59.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	5 2 . 1	
ĠΕ	90001	17.4	55.7	59.5	59.7	60.5	60.5	60.5	60.5	60.5	63.5	57.1	40.5	50.5	1.3.5	61 . 4.	
G E	87001		58.8	61.7	63.1	63.A	63.8	63.8	63.8	63.8	63.8	6 * • 0	63.5	63.3	1.3. 3	43 2 4	
6€	72001		19.5	62.5	64.0	64.9	64.8	64.8	64.8	64.8	64.5	64.	1544	64.2	* 4 . 3	14.5	* * • •
Ŀŧ.	60 aa 1	18.3	60.3	63.4	64.9	65.7	65 • 7	65.7	65.7	65 • 7	65.7	55.7	65.7	55.7	65.7	65.7	11.1
G.F	50001	18.8	63.2	65.3	67.8	64.6	68.6	68.6	68.6	68.6	69.6	60.1	66.6	68.6	68.6	ը հ h	6.5.4
GE.	45001	18.8	63.4	65.5	66.3	68.5	68.8	68.8	68.8	68.8	68.8	60.0	69.Ř	69.8	68.8	, · · - 5	
ΘE	41 00 1		64.8	69.2	64.8	70.4	13.9	71.1	71.1	71.1	71.1	71.1	71.1	71 - 1	71.1	71.1	7:1
GΓ	3500		66.0	69.4	71.2	12.2	12.3	72.5	12.5	12.5	72.5	72.	1:.5	72.5	72.5	77.5	7. •
(, f	30001	13.1	68.6	72 • 2	74.5	75.4	75.5	75.7	75.8	75.8	75 · H	75 3	75.8	74.9	75.6	75.8	* 5 * "
(, F	10025	20.2	71.1	15.2	11.8	78.9	79.2	19.4	79.5	19.5	79.5	73.5	79.5	12.5	79.5	71.5	14.1
is f	2non1		75.5	83.2	82 · 4	83.8	44.2	84.3	84.5	84.5	94.5	54.5	P4.5	94.5	F4 , 5	94.5	£ 4 . f
Ģ₹,	14601	21.2	75.8	8J.5	83.4	84.	54.6	84.9	85.1	85.1	A 5 - 1	6 ° • 1	85.1	85 - 1	95.1	85.1	s (- i
f, f	17-03 [79.4	84.3	87.4	89 - 1	34.5	90.0	90.2	90.2	3.5	9'!• ~	30.5	93.2	37.5	91.2	40.00
(, F	1.001	61.5	43.5	85.7	85.9	97).4	91.4	92.0	92.3	97.3	97.1	9 7 . 2	35.3	92.3	25.3	92.5	10.3
G.E	10001	21.5	61.4	85.3	90.3	92.3	92.9	93.7	94.0	94.2	94.	94.	94.2	94.2	94.2	94.7	94
G.F	2661	21.5	92.	47 . 7	91.2	93.2	43.8	94.6	94.9	95.1	95.1	95.1	25.1	95.1	95.1	95.1	45.1
0 ŧ		21.5	82 + C	87.1	91.4	93.4	94.2	94.9	95.2	95.4	00.4	95.4	95.4	99.4	95.4	91.4	25.4
14 F		21.7	42.5	48.5	92.2	94.5	95.1	95.9	96.5	95.6	96.6	96.6	96.6	95.5	96.5	94.5	96.
۲, ۴	£ 00 F	21.8	83.1	89.4	93.1	94.4	76.2	46.9	97.5	97.7	77.7	97.7	G7.7	97.7	07.1	97.1	¥7.1
o, F	rant	21.5	P3.1	59.5	93.5	46.3	97.4	98	28.9	79.1	99.1	99.1	79.1	97.1	97.1	79.1	79.1
υ£	4 00 1	21.8	A3.1	49.5	93.5	96.3	27. 4	98.7	99.1	99.2	29.	99.4	99.4	99.4	99.4	99.4	99.4
i, E		21.8	93.1	89.5	93.5	96.3	27.4	28.3	99.4	99.5	09.7	90.8	79.8	49.8	99.8	80.8	99.4
:, }		21.A	43.1	h9.5	93.5	96.3	77.4	98.3	79.5	99.7	79.4	100.0	100.0	100.0	160.0	100.0	1 30 - 1
ŋ f	1001	21.B	A3 • 1	89.5	93.5	96.₹	97.4	9A. T	99.5	99.7	97.4	1J"• `	100.0	100.0	100.0	100.0	196.0
GΓ	.:1	21.8	₽3.1	H9.5	93.5	94.1	27.4	98.3	29.5	39.7	79.6	100.0	170.5	100.0	100.0	130.0	100.0
												-					

GEOBAL CLIMATHLOGY BRANCH USAFETAC

PERCENTAGE FRIQUENCY OF OCCURRENCE OF CEILING FRANCE VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBERS 743702 STATION NAMES OF DRUM NY PLOTON OF RECORD: 79-86 -MONTH: JUN HOURS(LSTE: 17.5-14.5 CETEING IN 1 GE VISIOULITY IN STATUIT MISSS GE GE GE GE CE 2 1 1/2 1 1/4 1 7/4 56 55 4 55 65 6 5 4 5 2 1/2 68 1716 - IN | UE - FEET | 1 | 10 6 5/8 172 1/4 NO CEIL 1 17.4 46.2 46.2 45 ... 45.2 46.2 52.5 52.5 52.5 5,7,4 5,2,5 5,3,5 57.5 67.5 63.6 52.5 52.5 52.5 52.5 52.5 52.5 6, . 5 12.5 62.5 52.5 52.5 52.6 6E 200001 14.7 48.7 53.3 53.9 51.9 52.5 52.5 52.5 52.5 48.7 48.7 52.5 52.5 SE 187601 14.7 51.9 52.5 52.5 ,F 160001 14.7 52.5 52.7 53.5 5 . . 6 51.9 52.5 52.5 52.7 SF 14000| 14.7 US 12000| 14.7 52.7 52.7 52.7 52.0 53.5 49.9 51.5 35.5 57.6 51.6 59.3 63.6 6f 100001 15.5 K 7 . 7 57.0 51.6 51.6 51.6 57. ... 57.4 5.7.6 57.5 5.7.6 1.7.5 ... 90001 16.0 80001 16.4 63. U 59.5 61.6 54 . B 51. 59.3 59.3 63.6 63.6 63.6 59.3 63.6 59.5 13.1 59.5 59.3 61.5 i, F 61.0 70001 17.4 53.9 64.2 64.0 64.9 24.4 +4.+ 64.8 64.8 64.8 64.5 04.6 54.4 44.4 1.4 . A 60001 17.7 61.1 65.4 66.1 66.1 65.1 56.1 to 5 - 1 66.1 56.1 66.1 66.1 66.1 66 - 1 66.1 69.1 69.7 72.2 t, F 51001 17.8 63.6 69.5 69.1 69.1 67.1 1.7.1 69.1 F9.1 69.1 45001 19.1 50.7 72.2 74.0 69.1 71.4 69.7 72.2 69.7 69.7 72.2 69.7 12.2 69 • 1 69.7 69.7 6 . . 7 64.1 67.1 67.7 69.7 40601 18.1 66.1 67.7 12.2 72.2 72.2 r, r 35 and 19.9 67.9 71.6 73.3 74.7 14.0 74.0 74.0 74.0 74.3 74.3 14. 78.6 79.7 19.9 77.9 10.0 79.9 17.9 14.5 υ£ 25/10/1 20.9 75.9 62.3 F 1. 4 53.9 8 5. 9 83.9 88.5 93.4 51.9 95.9 81.9 я ; , 9 61.7 H3.9 83,9 σŧ 20001 21.4 79.1 84.5 96 **.** 6 E9. 1 88.5 84.5 88.5 98.5 88.5 49.5 99.5 99.5 40.5 A 6 . 5 18001 21.7 15531 21.7 80.0 85.4 83.3 A7.6 88.9 92.3 95.1 89.6 89.6 93.4 99.4 97.5 87.6 89.6 93.4 99.6 93.4 H 9 . 5 93.4 6 F 69.4 62.6 84.3 93.5 73. 1 12001 21.7 91.2 94.5 90.5 92.5 95.2 95.7 95.5 95.5 95.4 95.5 95.5 95.5 75.5 10001 21.8 84.9 85.1 91 • 1 91 • 2 93.4 95.7 95.7 96.6 96 • 3 96 • 6 96.9 96.9 97.4 97.9 95.5 95.9 95.6 95.6 96.9 96.6 96.5 96.9 46.5 96.7 96.6 97.1 4,6 9001 21.8 7001 21.8 A5 . 3 91.4 95.7 96. 97.1 97.4 97.4 97.8 77.4 91.4 97.4 97.4 97.4 97.4 96+6 85.6 91.7 94.2 97.5 97.9 t, F 6001 22.3 95.3 94.7 97., 98.9 99.2 95.4 1001 22.3 96.6 96.6 92.5 92.8 98.5 99.5 79.5 99.7 130.0 100.0 100.0 190.3 100.0 130.0 100.0 100.0 ĢΕ 100.0 107.0 6. 6 3001 22.3 я6.6 92 - 3 95.4 98.5 99.5 99.7 100.0 100.0 1,79.0 170.0 100.0 100.0 130.7 100.0 100.0 92.3 92.8 95.4 95.4 98.3 2001 22.3 1001 22.3 100.0 100.0 100.0 100.0 100.0 100.0 133.a 103.0 100.0 100.0 100.3 100.0 20.1 04 22.3 92.9 25.4 (, E 86.6 99.5 99.7 400.0 NUMBER 193.2 139.3 Pagen 100.0 PDL 1 100.0 100.3

GLOBAL CLIMATOLOGY ARANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION N	IUMRER	: 743700	STATI	ON NAME:	FID	RUM 44						OF REC				
													: JUN	-		1500~17	
	LING			•••••	• • • • • • • •			visi	BILITY	IN STAT	UTE MIL	E.S.	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
I	_	GE.	GE	3 E	GE	GE	GΞ	GE	GE	GE	S£	GE	G E.	GΕ	GE	58.	G f
FΕ	ET	10	6	5	4	₹	2 1/2	2	1 1/2	1 1/4	1	₹/4	5/8	1/2	5/16	174	4
• • •	• • • • •			• • • • • •	• • • • • • • •			• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •
NO	CEIL	16.5	45.6	47.2	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
	1/ 000																
	1800001		49.7	51.3 51.3	51.6 51.6	51.3 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51.8 51.8	51 • 8 51 • 8	51.8 51.8	51.A 51.9
	16000		49.7	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.0
	14000		50.0	51.6	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	62.1
	120001		51.3	52.8	53.1	53.4	53.4	53.4	53.4	53.4	45.4	5 . 4	53.4	53.4	53.4	5 3 . 4	53.4
G E	100001	19.7	56 • D 58 • D	53.J 63.1	58 • 3 63 • 4	58.5 60.6	58.5 60.6	59.5 60.6	58.5 60.6	58.5 60.6	58 • 5 6 ŋ • 6	59.5 60.6	58.5 60.6	58.5 63.6	58.5 5∂.6	58.5 60.6	59.6 66
G E		20.7	61.1	63.7	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	44.5
65		21.2	61.9	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	45.1
6 F		22.5	64.h	67.4	67.9	68.1	68.1	68.1	68.1	68.1	69.1	5A.1	68.1	68 - 1	68.1	68.1	56.1
	•												•	J			
GE	50001	23.1	67.6	73.7	71.2	71.5	71.8	71.9	71.8	71.8	71.8	71.R	71.8	71.9	71.8	71.9	71.4
GΕ	4500	24.1	68.7	72.0	72.5	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	7 3 - 1
ĿŁ	40001	25.9	72.U	75.6	76 • 4	76.9	11.2	17.2	77.5	17.5	77.5	77.5	77.5	77.5	77.5	77.5	71.5
GΕ		26.2	72.5	75 . 2	76.9	77.5	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	18.2	76 + 2
ĢΕ	30001	27.7	71+2	81.1	81.9	82.6	R3.2	83.2	83.4	83.4	83.4	3 ? . 4	93.4	A 3 . 4	А3.ц	83.4	83.4
GΕ	25001	28.5	78.5	82.5	83.9	84.7	85.5	85.5	85.8	85.A	85.6	8 c . g	85.8	85.R	A5.6	85.8	95.4
ΦE	2rgel	29.5	83.6	84.7	86 · 3	87.6	88.3	88.3	88.6	88.6	89.9	Ha.a	86.9	99.9	98.9	88.9	A8.9
ijĘ	18001	29.8	91.5	85.5	87.3	88.3	99.1	89.1	89.4	89.4	99.6	80.6	89.6	89.6	49.6	89.6	99.6
₽.E		30.3	52.9	87.3	87.4	91.2	+2 . 2	9:.5	92.5	92.5	92.7	72.7	92.1	92.7	92.1	97.1	92.1
G.E.	15001	30.6	84.5	83,4	91.5	93.3	94.3	94.3	94.6	94.6	94.8	94.8	94.R	94.8	04.8	94.8	94.8
SE	10001	30.6	85.2	91.2	92.5	94.3	95.3	95.3	95.6	95.6	95.9	94.9	95.9	95.9	95.9	95.0	25.9
6 E		39.6	A 5 . b	91.2	93.8	95.6	96.5	96.6	96.9	96.9	91.2	97.2	97.2	91.2	97.2	47.2	91.2
υF		30.9	86.N	91.5	94.J	96.4	97.4	97.4	97.7	97.7	91.9	47.9	77.9	97.9	97.9	97.9	97.9
Lf		30• A	86.6	31.5	94.0	96.4	97.4	97.4	97.9	91.9	99.2	99.7	98.2	94.2	98.2	98.2	48.5
ut	6.30 (31.1	* 6 . 6	97.5	99.1	97.4	13 F . U	94.4	99.0	99.0	99.5	40.5	93.5	99.2	39.2	99.2	49
ĿΕ	Sont	31.1	97.:1	93.3	95.6	97.7	94.3	97.0	97.5	99.5	99.7	79.7	99.7	99.7	99.1	99.7	99.7
5£	4001	31.1	87.U	93.0	95.6	97.9	49. U	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.1
u E	100 l	31-1	97.0	93.3	75.5	91.4	99.0	99.0	99.1	99.7	100.0	100.0	170.0	100.0	100.0	100.0	100 - J
(₃ F		31.1	87.O	93.3	95.6	97.7	99.0	99.0	99.7	99.7	173.0	100.0	100.0	100.0	100.0	100.0	100.0
ijĘ.	Loci	31.1	a 7 . ()	9 7 1	45.6	97.4	49.3	99.3	94.7	99.7	100.0	130.0	100.0	100.0	100.3	100.0	100.0
., F	0.1	31.1	A7.U	93.1	95.5	97.1	99.3	99.3	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

GLUBAL CLIMATOLOGY BRANCHUSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PEPIND OF RECORD: 19-85 STATION NUMBER: 743700 STATION NAME: FT DRUM NY MONTH: JUN HOURS(LST): CETLING VISIBILITY IN STATUTE MILES GE 374 GE GC GE GE 2 1 1/2 1 1/4 1 IN | GE GE FEET | 10 6 GF GE 578 172 GE GE GE 6E 5/16 Ò NO CETE 1 14.4 41.5 45.4 46.5 47.1 47.1 47.2 47.3 47.3 47.3 47.3 41.1 47.3 47.3 47.5 GE 201001 15.2 52.8 57.8 44.7 51.9 52.0 52.6 52.6 52.7 52.8 52.8 52.8 52.A 52.8 52.8 52.8 52.8 52.8 53.0 52.9 52.8 53.0 68 180901 15.2 48.7 52.6 52.6 52.8 52.8 52.8 52.8 52 · 8 52.8 52.8 52 • 0 52 • 0 52.5 52.6 52.7 52.7 52.8 52.8 53.9 57.8 57.8 UE 160001 15.2 68 140001 15.1 49.1 52.8 53.0 52.4B 48.9 53.0 53.0 53.0 53.0 53.0 51.2 52.3 52.7 52.9 52.9 53.0 12man| 15.3 51.9 53.6 53.6 53.7 53.8 57.9 57.9 57.9 51.9 1, 4 9: 301 17.1 54.7 51.7 58.9 59.5 59.5 59.7 59.7 59.7 59.7 59.7 59.7 59.7 50.7 59.7 E 9. 7 63.6 B0301 17.7 58.3 59.1 63.4 63.4 63.6 63.6 63.6 63.6 67.3 62.8 63.5 63.6 63.6 63.6 63.6 10001 18.2 63.8 64.5 64.6 64.7 64.7 64.7 65.9 65.9 66.2 65.3 66.1 66. l 66.1 66.2 66.2 66.2 66.2 66.7 57621 19.2 63.1 69.1 65.7 68.2 68.9 68 • 8 69 • 3 69.0 69.1 69.1 69.1 69.1 69.1 69.1 69.1 69.6 72.6 74.2 69.6 12.7 74.2 69.6 i. I 45,001 10.5 67.1 68.7 69.3 69.5 69.6 69.6 69.6 69.6 69.6 69.6 4001 17.9 3501 20.3 3001 20.8 12 • 1 14 • 2 72.1 74.2 72.7 74.2 65.6 69.5 71.4 72.9 72.7 73.7 72.3 72.5 12.6 72.1 72.1 74.2 72.7 74.0 70.5 14.7 77.9 78.3 78.5 78.5 79.5 78.5 78.5 78.5 72.9 15.9 77.5 81.j 80.J 83.6 81.1 85.L 41.5 85.4 81.7 85.6 81.9 85.8 81.9 85.9 91.9 85.9 18001 22.6 15001 27.8 17001 27.9 5 E 76.5 81.5 84.4 85.8 86.2 86.4 86.7 86.7 86.8 8.86 86.8 86.8 86.8 86.8 85.8 84.5 85.2 87.6 89.3 89.4 90.7 92.9 93.8 93.0 90.8 90.8 93.0 90.8 93.0 79.1 90.3 90.4 90.7 93.8 90.8 90.8 17001 21.0 я1.3 87.7 93.6 94.2 94.5 95.2 94.6 94.7 94.7 81.6 91.3 91.7 94.8 95.5 95.5 95.5 95.5 95.5 U.F 91.1 8001 23.0 91.8 89.2 94.9 96.1 94.7 95.5 95.8 95.9 96.1 96.1 96.1 96.1 91.1 6 E 96.1 96.8 5001 23.3 98.7 6 E B2.7 97.3 98.0 98.8 99.1 99.1 99.1 99.1 99.1 89.5 93.2 96.0 99.1 99.1 4001 23.3 87.5 98.1 98.3 99.3 82.7 82.7 93.2 96.2 97.3 97.5 98.9 99.3 99.3 99.3 99.4 99.0 99.3 99.3 99.4 90.7 6 F 99.8 200 | 23.3 82.7 99.3 93.8 100.0 66 82.7 87.6 93.3 96.2 97.5 98.3 99. 3 99.4 99.8 39.9 99.9 99.9 99.9 100.3 100.0 GE n1 23.3 82.7 87.5 93.3 96.7 97.5 98.3 99.3 99.4 99.8 99.9 99.9 99.9 99.9 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	110N N	CWDEB:	743763	STATI	ON NAME:	FT D	RUH YY					PERIOD		79: 79: FOURS	-86 (LST): (J60n-J9	L D
	 L I 4 G	• • • • • •	• • • • • • •	•••••			•••••			IN STATE			• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
I		GE	GE	GE	GE	GE	61	GE	GE	GE	GF.	GE.	61	SE	GE	SE	úŧ
FΕ			6	5	4		2 1/2		1 1/2		1	7/4	5 / B	1/2	5/16	1/4	;
٠																	
N O	CEIL	14.4	47.7	51.2	53.3	5 7 • 7	54 • 5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
	200 00		53.6	57.2	59.2	60.0	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	*1 • 1
	180001		53.6	57.2 57.2	59.2 59.2	60.5 60.3	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	41.1
	160001		53.6 54.3	53.3			60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61-1	61.1
	14000 12000		55.2	59.9	63.J 61.Z	60.7	61.4 63.1	61.6	61.6 63.3	61.6 63.3	61.8 63.4	61.¤ 67.4	61.8	61.R 63.4	61.9 63.4	67.4	€1.H 63.4
o c	120001	1,	.3.2	,,,,	01.2	02.	93.1	6	0 3 . 3	03.3	03.7		07.4	07.4	11.3 • 4	0	****
f. F	100001	16.1	58.7	62.5	65.6	66.1	67.5	67.6	67.6	67.6	67.8	67.8	67.8	69.0	68.3	68.0	15.
6E	90001		59.2	63.1	66.2	67.3	68.0	68.2	68.2	68.2	69.4	68.4	68.4	68 • 6	68.6	68.6	58.6
G.F.	8000		61.8	65.4	73.2	71.3	72.0	12.2	72.2	72.2	72.4	77.4	72.4	72.6	72.6	72.5	72.6
GE	70001	16.3	62.5	67.1	73.9	72.2	12.9	73.1	73.1	73.1	73.5	73.5	73.5	73.7	13.1	13.7	13.1
GΕ	60001	16.5	63.4	69.2	72.0	73.5	74.2	74.4	74.4	74.4	74.8	74.9	74.8	75.0	75.0	75.0	75
GE	50001	17.4	66.4	71.1	75.0	76.8	77.5	77.7	77.7	77.7	79.1	7A . 1	79.1	79.2	78.2	79.2	7
υE	45001		66.9	71 - 9	75.7	77.5	78.2	78.4	78.4	78.4	79.8	78.9	78.8	79.0	79.U	77.0	79.0
GE	40001		68.7	74.5	78.5	80.4	81.2	81.4	81.4	81.4	81.7	81.7	81.7	81.9	91.9	61.9	61.7
ίF	3500		69.5	75.3	79.3	81,2	A1.9	82.3	82.3	82.3	A5.6	8.7.6	92.6	8.56	P2.9	87.9	42.4
υE.	3000	19.2	71.1	77.5	81.5	83.7	44.5	85.0	85.0	85.O	A5.4	85.4	85.4	85 • 6	95.6	85.5	* *, • *,
	7000																
6 E	25001		71.7	73 -4	82 - 6	84.9	85.9	86.7	86.7	86.7	87.0	87.D	R7.0	87.2	R7+2	67.2	9.7
5-E GE	1000 L		72.0	73 • 8 77 • 2	83.0 83.4	85.4	86.5	87.4	87.4	87.4	A7.8	87.4	97.8	87.9	97.9	87.9	37.9
6 E	15001		72.4 73.7	83.4		85.7	86.8	87.9	87.8	87.8	A9.1	8 P • 1	88.1	89.3	A8 - 3	6F.3	95.3
GF.	12001		74.7	31.4	94.8 85.9	87.2	88.3	89.2	89.6	89.6	89.9	80.0	89.9	90.1	00 • 1	90.1	93.1
u t.	17 00 1	14.0	14.6	71.4	43.4	00.1	89.8	90.7	91.0	91.0	91,4	91.4	91.4	91.6	91.6	91.6	41.6
6 E	10001	19.6	74.4	81.7	85.3	89.0	90.5	92 . п	92.5	92.5	92.9	92.9	92.9	93.1	93.1	93.1	43.1
θĒ		19.6	75.0	32.4	87.0	89.9	91.4	93.1	93.8	93.8	94.1	94.1	94.1	94.3	94.3	04.3	94.1
G.E.		17.6	75.3	82.8	87.4	90.1	92. 3	93.6	94.5	94.5	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GF		19.6	75.7	83.2	87.8	90.7	92.5	94.3	95.2	95.2	95.6	95.6	75.6	95.8	95.8	9	95.8
υĒ	6001	19.6	76.4	83.9	88.5	91.4	93.2	95 • 1	96.0	96.0	96.3	95. 3	96.3	96.5	96.5	96.5	96.5
													-	-			
€.	5601	19.6	76.4	84.1	89.J	42.1	94.3	96.3	91.4	97.4	98.0	98.0	98.0	98.2	98.2	98.2	98
ĢΕ	4001	19.6	76.4	84.1	89.0	92.5	94.3	96 - 7	98.0	98.0	99.5	99.7	78.7	98.9	98.9	98.9	98.9
GΕ		19.6	76.4	84.1	89.3	92.	94.3	96.9	98.4	98.4	98.9	99.1	99.1	99.3	99.3	99.3	99.3
G F		10.6	76.4	84.1	89.2	92.1	94.5	97.1	98.5	98.5	91: 1	99.1	99.3	99.5	99.5	99.5	99.5
υF	1001	13.6	76 • 4	84.1	89.2	92.1	94.5	97.1	98.5	98.5	44.1	99.5	99.3	99.5	99.5	99.6	99.8
6 £		14.6	76.4	84 • 1	89.2	92.1	94.5	97.1	98.5	98.5	99.1	97.3	99.3	99.5	99.5	99.6	100.0
				• • • • • •	•••••		•••••	,		• • • • • • •					• • • • • • •	• • • • • • •	• • • • • • • •

GLUBAL CLIMATOLOGY BRANCH ATR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 7437CD STATION NAME: FT OPUM NY

A8-91 (C40034 40 Octo34 CEILING VISIBILITY IN STATUTE MILES IN I FEET I SE 61 3 2 1/2 95 GE GE GE GE 1/2 1/16 , /A c, x . NO CETE 1 13.1 53.0 53.0 53.0 4. 5. 5.8.6 51.0 55.1 c 1 . 57.1 63.9 60.0 F-11 - 9 6^.7 6^.9 6f 200001 13.4 57.5 6J.1 60.5 66.7 60.9 60.9 69.9 67.9 13.9 67.9 67.9 61.8 ,11.9 63.7 57.5 63.1 60.5 60.9 60.9 50.9 60.7 6.... GE 180001 13.4 57.7 60.1 16000| 13.4 14000| 13.4 57.5 59.7 60.7 60.9 60.9 69.9 61.8 61.9 63.9 61.5 67.9 51.8 63.9 67.6 5 E 6 E 63.5 61.2 61.5 61.8 61.5 51.5 62.7 61.0 61.6 48.8 61.9 GE 123001 15.4 62.4 61.B 41. SE 100001 13.9 67.6 54.5 71.3 54.5 68.5 68.5 71.3 90001 14.2 64.U 65.7 67.9 68.2 68.4 68.5 68.5 58 c 69.5 62.5 64.5 71.3 11.1 $\frac{71.0}{71.6}$ 6 E 8000| 14.5 7000| 14.6 65.6 69.7 70.6 71.2 71.3 71.9 71.3 71.3 71.8 71.9 71.9 72.4 GE 60001 14.8 67.6 73.9 72.5 17.1 77.8 12.8 72.8 72.A 50001 15.8 45001 16.0 40001 17.2 75.8 75.8 79.1 75.1 75.8 79.1 75 • E 75 • 8 79 • 1 7° 1 7° 8 79 1 5° 6 8° 1 75.8 75.8 75.1 75.8 79.1 13.0 13.7 74 • 3 75 • 1 74.9 75.7 25.7 4.9.4 74.4 75.5 75.1 75.8 73.1 93.6 73.1 75.8 75.A 79.; 9...6 H'.1 72.2 73.6 75 . 1 77 . 5 77 · 8 78.5 79.9 79.1 GE 79.0 35 UO F 83.6 80.6 80.3 3000 L 17.5 81.5 81.4 8 u . 3 2500 | 17.8 2000 | 18.2 78.4 80.3 84.6 87.2 86.1 16.6 86.9 86.9 86.9 89.5 86.4 89.7 86.1 89.7 46.9 89.7 85.7 89.7 86.9 89.7 4... 04.1 55.1 45.2 87.6 90.1 GE 1800 | 18.4 a () . 4 85.7 1.69 A9. 7 90.0 90.0 93.0 93.1 30.1 20.1 97.1 90.1 95.1 91.4 GE GE 1500| 19.0 1200| 19.1 82.2 83.0 47.9 87.1 92 - 8 91.3 73.3 94.8 93.3 94.8 93.4 93.4 93.4 90.0 11.4 93.4 97.4 10001 19.1 91.9 94.5 95.2 95.7 93.1 900| 19.1 800| 19.1 83.4 83.6 89.3 97.0 95.4 96.3 75. B 46. 9 96.3 96.3 96.4 96.4 96.4 96.4 97.9 96.4 97.9 92.5 96.7 97. ! 97.6 7001 19.1 P4.0 93.4 93.3 99.7 98.5 48.5 98 - 1 40.7 28.7 99.7 98.7 94.7 98.7 6001 19.1 R4 . 2 93.5 93.6 98.8 GE 49.8 99.1 99.3 99.1 5001 19.1 44 . . 97.7 91.7 97.1 28. 2 99.1 39.3 99. 1 99.5 99.3 99.3 400 | 19.1 300 | 19.1 84.2 84.2 93.7 99.4 99.4 99.4 99.4 99.4 99.4 93.7 97.5 98.4 98.5 99.0 99.3 97.4 99.3 6 E 99.9 1.005 R4 . 2 97.9 97.6 98.5 99.1 99.6 49.6 99.6 99.6 1001 19.1 93.9 98.5 99.1 99.9 90.0 99.9 100.0 100.0 100.0 01 19.1 93.9 99.1 99. 5 99.6 99.9 99.4 99.9 100.0 100.0 100.0 100.0 98.5

TOTAL NUMBER OF OBSERVATIONS: 571

GEOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FRIQUENCY OF OCCURRENCE OF CHILING VERSON VISIBILITY FROM HOURLY OBSERVATIONS.

AIR MEATHER SERVICE/MAC

FORTH: JUL HO 3PD: 79-66 - HOUPSI(5T): 12.3-[43] STATION NUMBER: 743763 STATION NAME: FT DRUM NY CETLING υξ της του 4 3 2 1/2 IN | GE FEET | 10 5£ 6 17 1/15 170 4.78 55.6 NO CEIL | 15.6 51.1 53.7 55.5 55.6 55.6 55.6 55.6 55.5 55.6 1,5 .4. 64.5 65.1 65.1 65.1 65.1 65.1 65.1 6f 20000| 17.1 6E 18000| 17.1 60.2 60.2 62.7 54.8 64.8 65 • 1 65 • 1 65.1 64.7 65.1 65.1 65.7 65.1 64.1 65.1 45.1 160001 17-1 62.7 65.1 65.1 65.1 60.1 65.1 65.7 65.7 140001 17.1 63.6 63.3 65.1 65. * 65.4 65.7 65.7 65.7 45.7 60.1 64.7 12000 | 17.1 66 100001 17.3 69.4 10.2 70.2 10.2 73.2 13.2 13.2 63.8 67.1 69.6 69.9 90 gg | 17.4 8900 | 18.0 65.0 67.4 69.3 71.5 71.9 71.3 73.8 71.1 71.3 74.1 71.6 71 • 6 74 • 4 75 • 3 71.6 74.4 75.3 71.5 74.4 71.5 74.4 11.5 15. LE 10001 19.7 68.1 74.7 74.9 75.0 75.3 75.3 15.3 15.3 75. 1 74.3 14.6 18.5-75.4 15.8 14.9 75.8 75.9 G.E 60001 18.0 58.3 72.3 75.2 75. 1 15.5 75.8 75.8 75.8 GE 50001 18.2 73.2 75.1 16 • 1 77 • 1 16.1 16.7 76.7 11.1 76.7 66.1 76.2 76.4 77.1 45001 18.2 69.0 76.7 76.8 77.1 77.1 77.1 77.1 77.1 77.1 17.: 73.5 76.5 77.1 A 1 + 1 A 5 + 5 B 7 + 7 4000 | 18.5 3500 | 19.1 72.0 75.2 75 • 9 #3 • 3 80.3 84.2 ₽J.6 84.5 81.1 81.1 85.0 81.1 85.0 81.1 85.0 81.1 95.0 81.1 35.7 81.1 95.0 # i . i PJ. Q 81.1 30001 19.8 77.7 87. 2 87.7 87.7 87.7 87.7 87.7 87.7 A7.7 91.7 61.1 25401 20•0 20401 20•6 ž.,,, 89.5 92.3 89.5 92.3 89.5 92.5 89.5 92.5 49.5 49.5 89.0 89.5 99.5 89.5 97.5 97.6 94.6 92.5 92.5 4. . * υf 41.2 85.5 93.2 90.7 91.3 92.2 92.5 81.4 87.3 82.9 92.5 92.8 92.8 92.9 92.8 97.8 6 £ 18001 20.6 15001 20.6 85.5 93.5 91.2 91.6 93.2 92.6 97.4 10351 20.8 9001 20.8 8001 20.9 97.4 98.0 99.1 95.9 97.3 91.9 97.3 97.4 98.0 99.1 47.4 47.4 G.E. 43.9 94.0 95.3 96.8 91.4 GF GF 84.5 85.U 94.6 95.9 18.6 98.1 93.5 96.5 29.7 91.1 47.6 98.5 99.9 98.9 99.1 32.1 99.1 27.1 7001 20.9 95.1 95.2 97. 98.5 98.9 98.9 29.1 99.1 99.1 99.1 79.1 49.1 99.2 99.1 5001 20.9 97.1 99.. 6F 95.0 41.1 95.3 97.7 98.5 99.1 99.1 500| 20.9 400| 20.9 200| 20.9 98. J 98. Z 98. 3 98.9 99.1 99.2 99.4 99.5 99.7 99.4 99.5 19.7 99.5 99.7 99.8 99.5 99.7 99.8 91.9 95.6 95.8 97.4 99.5 99.5 99.1 99.5 99.5 94. 99.7 99.8 99.9 99.8 85.0 91.5 99.8 GF 95.8 97.4 85.0 25.0 91.1 2001 20.4 91.7 95.9 96.5 99.4 99.8 99.8 100.0 100.0 100.0 109.0 10.3 GF 100.0 100.0 100.0 100.0 100.0 100.0

99.8 170.0 100.0 100.0 100.0 100.J 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 555

01 20.9

GLOSAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

			: 743707									MONTH	: JUI	HOURS	1L511:		100
CE I	LING	• • • • •	• • • • • • • •	• • • • • •		• • • • • •	•••••	v 1 S I	BILITY	IN STAT	utr MIL	 E5	• • • • • •	• • • • • • •		• • • • • • •	•••••
FE	LT I	-	ંદ 6	? F	ύΕ 4	GE			G5 1 1/2	G E 1 1/4	G f 1	5E 374	31 578	5t 1/2	6€ 5716	1-E 1/4	at
N D	CETE	15.A	51.9	55.5	56.8	57.4	57.9	57.9	51.9	57.9	57+9	57.9	57.9	57.9	97.9	51.9	11.9
	200001			64.2	66 • 4	66.9	67.5	67.5	67.5	67.5	67.5	57.5	61.5	67.5	67.5	67.5	67.5
5 E	18,000	-	6J.7	64.	66.4	66.9	61.5	67.5	67.5	67.5	67.5	57.5	61.5	67.5	67.5	67.5	6.7.5
	160001		63.7	64.2	66.4	66.7	67.5	67.5	67.5	67.5	67.5	57.5	67.5	67.5	67.5	61.5	57.5
6 F	140001		60.9	64.5	66.1	61.2	67.6	67.8	67.8	67.A	67.8	67.R	67.8	67.8	67.B	6.7 . B	67.F
υE	120001	17.2	61.5	64.1	61.5	68.3	6H. 6	68.6	68.6	68.6	69.6	69.4	68.6	69.6	68.5	54.6	6 A . II
G E	Lunen I		65.0	63.6	71.6	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.3	73.0	73.3	73.9
Gf.		1 P. G	65.6	69.1	72.1	73 • 🖯	13.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
1, 5	9"001	19.7	69.9	72.7	75 • i)	76.8	77.3	77.3	77.5	77.3	77.3	77.3	17.3	77.3	71.3	77.3	77.1
u E		19.7	73.2	74.3	77.6	78.4	19.0	79.0	79.0	79.0	79.0	10.0	79.0	79.0	79.J	79.0	79.J
G F	6,001	19.1	70.8	74.9	76.1	79.	19.5	79.5	79.5	79.5	19.5	19.5	79.5	19.5	79.5	79.5	79.5
6.6	51004	19.7	71.6	14.3	12.5	80.3	A(9	BC.9	86.9	80.9	83.9	47.9	80.9	80.9	PU.9	8O.9	43.9
G.E.	45001	19.7	71.9	15.2	79.8	87.6	81.1	81.1	81.1	81.1	81.1	41.1	81.1	81.1	81.1	81.1	91.1
(, €	40 00 1	17.9	74.0	79 -4	82.J	87.8	83.3	83.3	83.3	63.3	P 3 + 3	83.3	P3.3	83.3	A 3 . 3	83.3	93.3
. (35.601	19.9	75.2	83.6	84.2	85	95.8	85.9	85.B	85.8	A5.8	85.8	85.8	85.8	A5 • 8	85.8	85.8
ωŁ	30601	19.9	11.6	87.3	85 . 8	87.7	88.5	98.5	88.5	88.5	PR . 5	89.5	A8.5	88.5	98.5	88.5	88.5
(, f	25 up 1	20.5	85.1	84.4	88.3	90.2	91.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.0	91.3
G.F	2ngo I	5	F1.4	85.8	89.6	91.0	32.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
1.1	12001	20.5	R1.4	85 . 4	A9.6	91.4	92.6	93.2	93.2	93.2	93.2	91.2	93.2	93.2	93.2	93.2	93.2
. E	15701	20.5	42.5	87.2	91.J	94.0	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
u f	4201	20,5	H 5 . 1	87.7	91.5	94.5	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
ı, f	10001	27.5	83.3	83.0	91.9	95.1	95.9	96.4	96.4	96.4	95.4	95.4	96.4	96.4	96.4	96.4	96.4
E. F		20.5	P 3 • 3	43.0	91.5	95.1	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
ωE	9.10 [20.8	R 5 . U	89.5	92.6	96.2	97.3	98.4	98.4	98.4	99.4	99.4	98.4	98.4	98.4	98.4	9.4
, f	1601	20.8	84.2	89.8	92.9	96.4	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	96.6	98.6	99.6
(, ;	6.301	20.A	44.2	69.8	93.2	96.7	97.8	98.9	98.9	98.9	98.9	94.9	98.9	98.9	98.9	98.9	98.9
ų.	5 an 1	20.8	٥5.0	87.5	94.0	97.5	98.6	99.7	99.7	19.7	99.7	97.7	99.7	99.7	99.7	99.7	99.7
6.5		20.0	H5 . 2	A7.9	94.3	97.4	98.9	100.0	100.0	0.001	103.0	107.0	100.0	100.0	100.0	100.0	100.0
ıı E		2P. 8	85.2	87.9	94.3	97.4	98.9	100.0	100.0	130.0	110.0	107.0	190.0	100.0	100.0	100.0	100.0
6 F		2 n. A	P5.2	87.9	94.3	97.4	98.9	100.0	100.0	100.0	1.33.0	100.0	100.0	100.0	100.0	100.0	100.0
13 F	1071	20.5	85.2	87.9	94.3	97.B	38.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ls f	n l	2 n • 8	85.2	87.9	94.3	97.9			100.0								1000

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURMENCE OF CELLING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECORD: 79-86 MONTH: JUL HOURS(LST): CEI .ING VISIBILITY IN STATUTE MILES GE 1 IN | GE GE GI 2 1/2 GE GE GE 7 1 1/4 G. 55.0 NO CEIL | 14.6 50.1 54.6 55.0 55.D 55.0 55.0 55.0 55.0 55.0 15.0 63.2 63.2 63.2 GE 20000| 15.6 63.2 63.3 62.7 62.1 62.2 63.0 63.0 63.2 63.2 63.3 63.3 63.3 63.3 63.3 63.3 63.3 GE 180001 15.6 57.6 63.7 GE 160001 15.6 57.8 67.7 GE 140001 15.6 58.4 61.4 62.9 63.3 63.7 63.9 61.9 63.9 63.9 53.9 63.9 63.9 65.9 63.9 63.9 65.1 GE 120001 15.6 59.1 62.1 64.0 64.5 64.9 65.0 65.0 65.0 65.1 65.1 65.1 65.1 65.1 65.1 GE 100001 16.2 62.6 65.9 68.2 68.6 69.1 69.3 67.4 69.4 69.3 69.3 69.4 59.4 69.4 10.2 69.4 69.4 70.2 73.5 ijĘ. 90001 16.4 63.4 65.7 69.3 69.4 76.0 70.2 70.2 70.2 73.2 77.2 70.2 70.2 10.2 8°00| 16.9 7000| 16.9 72.3 73.2 72.9 73.9 73.4 74.4 73.4 74.4 73.4 74.4 73.5 74.5 73.5 74.5 73.5 74.5 73.5 74.5 73.5 74.5 73.5 GF 6.6 • D 67.8 73.3 G.E 60001 16.9 71.3 75.0 75.2 15.2 15.2 75.3 75.3 75.3 75.3 75.3 75.3 77.3 77.8 81.0 83.3 GE GE 5000| 17.5 4502| 17.7 73 • 1 73 • 5 75.8 75.4 76.6 77.2 77.3 77.5 77.1 77.7 77.1 77.7 17.1 17.7 77.2 77.8 77.2 77.8 77.2 77.8 11.3 11.8 77.3 77.8 68.6 69.3 77.3 77.8 GE 4000 | 18.4 3500 | 18.7 71.6 75.3 73.2 79.3 80.2 82.3 90.7 82.8 80.9 80.9 80.9 81.C 83.2 81.0 91.0 83.3 G £ 13.5 81.4 83.1 83.1 63.1 81.2 83.2 83.3 83.3 30001 19.0 96± i) 86.4 86.5 86.4 82.5 84.1 64.4 87.2 89.1 87.9 89.7 98.3 93.6 93.9 2500 | 19.3 85.8 87.5 GE GE 77.3 78.7 89.3 88.3 90.4 48.3 90.4 99.3 90.6 88.4 90.7 98.4 90.7 88.4 90.7 48.4 96.7 78.9 18001 19.7 87.8 89.3 90.7 70.7 97.3 90.9 90.0 90.7 91.0 91.0 91.0 91.0 1500| 19.8 1200| 19.9 93.2 6 E 10001 19.9 87.4 71.1 93.6 74.4 95.2 95.5 95.5 96.2 95.7 95.7 25.7 95.7 95.7 95.7 95.7 9001 19.9 87.9 91.7 94.1 95.0 96.2 96.4 96.4 96.4 96.4 97.6 95.4 97.6 Bun1 20.0 82.0 94.9 97.6 G.E. 96.0 97.0 71.4 7001 20.0 98.1 83.6 97.9 98.1 76.4 91.9 98.0 98.0 98.1 9001 50°C 95.6 89.8 92.8 96. 7 98.2 98.4 98.4 99.2 G.F 5001 20.0 82.7 87.1 93. ' 96.1 77.3 98.4 98.9 98.9 99.1 99.1 99.1 99.2 99.2 99.2 G € 4001 20.0 3001 20.0 AZ.1 87.2 89.3 93.3 93.3 96.2 96.3 97.4 98.6 98.8 99.2 99.3 99.2 99.4 99.4 99.6 99.4 99.5 99.5 99.5 99.5 99.8 2001 20.0 87.3 99.8 6 E 82.7 93.4 96.4 97.6 98.8 99.5 99.5 99.7 99.4 99.8 99.8 99.8 1001 25.0 99,9 R2 . 7 93.4 96.4 97.6 99.5 99.7 99.R 99.9 99.9 89.3 98.8 39.5 99.8 100.0 99.9 100.0 96.4 99.7 99.8 98.8

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CETLING VEHSUS VESIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 143700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 79-86

MONTH: AUG HOURS(LST): D600-03C0 VISIBILITY IN STATUTE MILES GE GE GE GE GE 2 1 1/2 1 1/4 1 3/4 GE GE GI 4 3 2 1/2 ςξ 174 3 E FEET | 10E 5 / 8 6 1/2 5/16 5".1 NO CETE 1 15.5 48.4 48.7 49.3 49.3 49.5 50.3 39.7 46 . . 47. 6 48.7 200001 16.4 42.0 42.0 45.3 45.3 50.1 50.1 50.9 50.9 51.3 51.3 51.8 51.8 51.8 51.8 51.8 51.8 51.8 51.8 51.8 52.0 52.0 52.0 52.0 52.0 52.5 52.6 52.6 52.5 52.4 52.8 0€ 18000| 16.4 47.4 48.7 12.0 52.6 45.3 47.4 50.1 UE 16000 | 16.4 42.0 48.7 50.9 51.3 51.3 5.3.4 SE 140 JO | 16.4 GE 12000 | 16.4 50.7 51.5 52.4 52.4 53.4 52.6 45.8 49.3 51.8 56.1 57.1 58.4 57.1 58.4 10000| 16.4 44.7 49.7 51.1 52.8 54.4 55.1 55.5 55.5 56.1 56.3 56.3 56.9 57.1 55.3 56.7 57.1 59.4 57.3 58.6 6 E 9000| 16.4 8000| 16.6 45.5 47.5 53.5 51 • 8 52 • 8 53.5 56.1 57.4 56.5 57.8 56.5 57.8 57.3 58.6 57.8 59.2 64.1 19.4 46.4 48.4 55 • 5 56 • 1 57.6 59.2 59 • 6 66 • 7 60.5 61.5 61.5 62.1 62.3 62.5 63.1 71.001 17.2 52.8 60.9 ь0.9 61.5 61.7 61.7 61.1 61.5 50001 17.8 64.0 64.0 58 . D 60.5 64.6 54.6 65.4 6 E 4500 | 17.8 4000 | 18.6 51.3 54.0 56 · 1 53 · 8 59.0 61.7 61.5 63.6 64.6 65.U 68.5 65.0 65.6 69.1 65.6 67.1 65.6 65.8 69.2 65.8 69.2 60.8 GΕ 35001 18.8 55.1 63.2 66.5 69.2 72.9 70.4 70.8 70.8 71.4 71.4 71.4 11.6 71.6 72.1 12.3 6 E 37001 18.9 57.3 62.9 65.8 70.2 74.7 75.8 75.8 76.4 76.4 76.4 76.6 76.6 17.2 77.4 25001 19.0 58.2 77.A 70.3 79.3 64.3 67.1 71.6 74.5 78.5 78.5 G.E. 76.6 77.8 78.3 78.3 79.1 81.8 82.4 84.7 2000 | 19.3 59.8 73.0 76.8 19.3 80.5 81.0 81.D 91.2 65 • 6 69.2 80.5 81.2 82.0 65.0 65.7 74.5 76.2 77.4 19.3 79.9 81.8 84.7 81.0 83.0 81.6 83.9 81.6 81.9 91.6 82.6 44.9 G E 1800 | 19.3 59.8 69.6 81.0 81.8 91.8 15001 19.3 70.8 63.0 8 1. U 84.1 1.1 12001 19.3 60.7 78.3 82.2 97.2 a 7 . 4 97.4 кя.п 88.2 10001 19.5 79.3 H 3 • 2 H 3 • 4 86.1 87.6 88.2 88.8 89.4 99.A 89.4 98.8 89.4 89.2 89.7 89.2 89.7 99.9 97.5 61.1 68 • 3 72.5 87.6 9J.1 GF 90.7 61.3 69.5 72.1 8 A . Z 91.3 92.1 93.4 Frn1 19.5 7001 19.7 61.9 73.5 85.1 45.7 89.4 91.3 92.1 92.5 92.5 92.5 92.8 93.6 92.8 94.4 93.8 94.6 ն է նք 67.5 74.1 81.5 6001 19.7 5001 19.7 4601 19.7 84.1 84.3 94.4 95.7 95.6 96.7 95.9 96.7 91.5 97.3 98.1 97.5 63.2 17.6 91.3 94.4 96.5 75.4 75.6 96.5 88.2 ... 3001 19.7 17.5 99.0 63.4 75.a 92.5 95.6 95.6 98.1 98.1 99.2 71.0 d8.6 96.1 2001 19.7 95.6 99.6 95.6 95.6 99.8 98.6 98.6 63.4 71.0 75.8 94.6 96.7 98.6 100.0 6.5 91 19.7 63.4 71 ... 75.4 84. 38.5 92.5 95.6 95.6 96.7 97.9 97.9 99.6 98.6 99.6 100.0

GLOBAL CLIMATOLOGY PRANCH-USAFETAC ALR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETALING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

517	ATION !	NUMBER:	743703	STATI	ON VAME	: F1 0	RUM 44					001934 4100M			-86 (LST):	3907-11	UC
ĊĖ	LING	• • • • • •	• • • • • • •	• • • • • •		· · · · · · ·	• • • • • •		BILITY.				· · · · · ·	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	[N	l GE	5 £	3 E 5	3E 4	GE 3		GΕ	GE 1 1/2	GE 1 1/4	er L	5E 7/4	G E. 5 / 8	5L 1/2	GE 5/16	G£ 174	5£ :
פא	CLIL	1 15.0	43.0	44.1	45.5	46.6	47.1	47.1	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4
6 L	20700	16.1	45.3	45.5	48.2	49.3	49.8	49.8	49.9	49.9	50.1	50.1	50.1	57.1	50.1	50.1	52.1
υE	18000	16.1	45.3	45.5	49.2	49.3	49.8	49.8	49.9	49.9	50.1	54.1	50 - 1	50 • 1	50.1	50.1	50.1
GE	16000	16.1	45.3	45.6	48.2	49.5	49.8	49.8	49.9	49.9	50.1	50.1	50.1	50.1	r. () • 1	50.1	f (+ 1
G E	14000	16.1	45.6	47.1	48.7	49.9	50.2	50.2	50.4	50.4	53.6	57.6	50.6	50.5	50.6	5D.6	· 3 . !
G.E.	150,00	16.4	47.	49.5	50 - 1	51.2	51.7	51.7	51.8	51.8	52.0	52.0	52.0	52.0	52.)	52.0	4 2 10
G F	10000	16.9	53.6	51.8	53.6	55.1	55 • 6	55.6	55.8	55.8	55.9	55.9	55.4	55.3	55.9	55.7	55.2
ьE		16.9	51.0	52.3	54.2	55.8	56.2	56.2	56.4	56 - 4	56 • 6	56.6	56.6	55.6	56.6	56.6	Shiet
υE	8300	17.2	53.6	55.1	57.8	59.7	60.2	60.2	60.3	60.3	60.5	60.5	50.5	50.5	60.5	60.5	· į. • 5
G.E	7000	17.7	54.5	55.2	59.4	61.5	61.9	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.0
G.F.	6000	18.2	55 • 1	55.9	63.0	62.1	62.6	67.6	62.7	62.7	67.9	62.9	62.9	62.9	62.9	62.9	52.4
ΘE	Sena	18.5	56.7	53.5	61.6	64.1	64.6	64.6	64.8	64.8	64.9	64.7	64.9	64.9	64.9	64.9	64.4
GE		19.1	57.3	57.1	62.4	65.1	65.6	65.6	65.7	65.7	65.9	65.0	65.9	65.9	65.9	65.0	65.9
υŧ		15.6	59.6	61.6	64.9	67.9	68.4	68.7	68.9	68.9	69.6	69.11	69.0	69.0	69.3	60.0	69
GE		20.1	61.5	63.7	67.0	70.3	70.9	71.7	71.4	71.4	71.6	71.6	71.6	71.6	71.5	71.6	71.6
G.E		20.2	64.6	67.5	71.2	74.9	75 - 8	76.5	75.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
1,5	25.00	20.7	66.5	69.4	73.5	77.5	78.5	79.1	79.6	79.6	79.8	79.9	79.B	79.8	79.A	79.8	79.8
l) E		20.7	69.2	72.7	77.5	81.5	63.3	84.0	84.7	84.7	A4.H	84.8	84.6	84.8	94.8	84.9	84 • 6
61		20.7	67.4	72 • H	77.4	81.7	83.4	84.2	84.6	84.8	85.3	85.0	85.0	85.0	85.0	85.0	85.0
GF		21.2	71.2	15.4	81.4	85.0	86 • 7	87.5	88.2	88.2	88.3	89.3	88.3	88.5	88.3	89.3	88.3
υE	1200	31.6	73.3	77.9	B3.3	89.2	90.2	91.3	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
96	Dun	0.15	74.7	79.6	85.2	90.0	92.1	93.4	94.0	94.0	94.2	94.7	94.2	94.2	94.2	94.2	94.2
6.6		21.6	74 - 7	17.5	85.2	90.0	92.3	93.5	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
6F		21.6	75.7	81.3	R6 • 7	91.5	94.3	95.6	96.2	96.2	95.4	96.4	96.4	96.4	96.4	96.4	96.4
6 F		21.6	75.1	81.8	87.5	97.5	95 • 1	96.4	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	91.2
şΕ	6.00	21.6	76.3	C . 58	88.2	93.4	96.1	97.3	97.9	97.9	1.89	99.1	98.1	94.3	98.3	94.3	98.3
51	sun	1 21.5	75.3	92.1	A8.3	93.7	76.4	97.8	98.7	3 R . T	99.1	97.1	99.1	99.2	29.2	99.2	99.2
o E lo E		21.6	76 - 5	d2 • 1	88 · 5	93.4	76.5	98.1	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
6 E		21.6	76.3	82.1	88.5	93.9	36.6	98.4	99.4	99.4	99.8	99.9	99.8	100.0	100.0	100.0	100.0
G.E		21.6	76.3	82.1	89.5	93.5	96.8	98.4	99.4	99.4	99.8	90.4	79.8	100.0	100.0	100.0	100.0
G F		21.6	76.3	н? • 1	88.5	93.1	76.8	98.4	99.4	99.4	99.8	99.8	99.8	103.0	100.0	100.0	100.6
G E	ő	1 21.6	16.3	82.1	89.5	91.4	96.8	98.4	99.4	99.4	99.4	97.9	99.8	103.0	100.0	100.0	100.0

GLOBAL CLIMATOLOGY BRANCH-USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETEING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY FFR100 OF RECORD: 79-86 MONTH: AUG HOURS(LST): 1258-1402 VISIBILITY IN STATUTE MILES
OF GE GE CETEING IN 1 DE FEET 1 10 6 5 4 5 6E 6E 6E 6E 6E 6E 5E 1 374 GE GE GE 2 1 1/2 1 1/4 5/16 1/2 1/4 5/8 NO CETE 1 14.2 45.4 45. 2 45.4 45.4 6E 200001 15.2 47.0 47.7 49.8 50.5 50.6 50.6 50.6 57.E 57.6 57.6 50.6 50.5 50.6 51.6 50.6 57.6 5p.6 50.8 GE 18000| 15.2 GE 16000| 15.7 47.6 49.2 47.8 50.5 50.5 50 • 5 50 • 5 50.6 50.6 50.6 50.6 50.6 50.6 50.6 50.6 50.6 50.6 5g.6 5n.6 50.0 50.6 5J.6 50.6 14popl 15.2 47.1 50.6 50.6 50.5 c 9 . 8 50.8 57.9 50.8 50.8 50.8 5).8 55.6 1. F 120001 16.0 49.0 51.3 51.9 52.5 52.6 52.7 52.7 52.7 52.7 52.7 52.7 52.7 GE 190001 16.1 52.1 54.3 56.2 56.4 58.1 55.3 56.2 56.4 56.4 56.4 56.4 56.4 56.4 56.4 ⁶6.4 54.4 58.1 90001 16.6 80001 17.4 70001 18.1 58.1 58.1 54.1 53.7 59.3 58.1 58.1 6 F 55.1 55.7 58.0 58.1 58.1 58.1 56 • 2 59 • 0 53.9 59.7 61.5 61.7 61.7 61.7 67.9 61.7 63.9 61.7 63.7 63.9 6. 63.7 63.9 63.9 63.9 63.9 60001 18.4 62.3 59.3 64.2 64.2 64.2 64.2 64.7 51.1 1. F 50001 19.8 64.4 66.3 66.3 66.5 45001 20.1 67. t, E 61.3 64.2 65 . 5 67.6 67.6 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 40G0| 20.6 3500| 21.6 61.7 10.0 12.5 77.5 77.5 87.8 70.0 72.5 71.0 72.5 87.9 63.1 69 - 8 10.6 70.0 GE 69.4 69.5 72.4 10.0 70.0 73.0 12. 12.5 72.5 72.5 12.5 30001 22.0 30.4 80.8 80.8 80.8 AD.8 90.8 BJ.A 80.8 9 . . . 4°.0 90.4 25001 22.4 77.1 81.8 86.4 84. 85.0 90.4 85.0 93.4 95.0 90.4 81.0 91.4 24 . 3 84.9 85.0 95.0 95. 20001 23.0 19001 23.5 78.9 79.7 89.1 G.F 83.7 89.8 90. 90.4 97,4 93.4 90.7 91.4 U€. 84.7 87.4 91.2 91.4 94.9 91.4 91.4 71.4 91.4 94.9 91.4 91.4 91.4 GF 1500 | 24.1 87.1 93.3 G.E. 12301 29.3 9 3 . 1 89.7 91.7 91. 96.2 96.6 96. A 96.8 97.0 91.0 97.0 97.1 27.7 97. 19001 24.3 03.2 87.0 87.1 92.2 92.3 95.5 97.1 97.3 97.3 97.4 91.4 97.4 £ 3.4 96.8 97.3 97.6 97.9 97.6 97.9 8001 24.3 7001 24.3 6001 24.3 95.8 ŧ, ₽ 43.4 87.3 92.5 91.0 97.4 97.6 97.6 97.8 17.9 97.9 91.9 97.9 97.5 92.8 96. 97.9 98.6 98.1 99.2 99.2 98.2 90.9 98.7 υŧ 97. 3 97.8 97.9 2A . . 98.2 96.3 97.9 *UG| 24.1 4001 24.1 1001 24.3 96.8 03.5 98.9 99.5 93.7 93.7 93.3 97.11 99.0 99.5 99.1 99.8 99.7 ur E 89.8 28. I 98.6 99.0 99.7 99.7 99.7 99.1 GΕ 89.9 99.2 99.8 93.3 97.7 98.1 98.6 99.2 99.8 99.8 99.6 2601 24.3 87.8 96.1 98.5 99.8 1,5 93.5 99.2 99.8 99.8 98.6 179.0 103.3 100.3 100.0 98.1 97.0 01 24.3 93.7 87.8 91.3 99.8 107.0 100.0 100.0 100.0 107.0 100.0 ₹8. I 98.6 6 F 99.2 99.4

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FRIQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 79-8A MONTH: AUG HOURSILS STATION NUMBER: 743780 STATION NAME: FT DRUM NY FOURS(EST): 1500-1700 VISIBILITY IN STATUTE MILE CEILING - IN | 56 - FEET | 10 GE GE GE 2 1 1/2 1 1/4 GΕ G f uE b GE 61 172 9/16 1/4 47.9 47.8 47.R 47.8 50 CE11 | 17.7 45.3 47.2 47.5 47.8 47. 5 47.8 47.A 47.8 47.9 47.8 47.4 53.1 53.1 53.1 53.1 53.1 53.1 53.4 20060| 19.3 18000| 19.3 50.3 53.3 52.8 52.8 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 52.2 52.2 3.1 6F 167001 19.3 6F 149601 19.3 < 1.3</pre> 52.2 52.2 52.8 53.1 53.1 53.4 53.4 53.1 53.1 53.1 53.1 53.4 53.1 53.1 53.4 t, 3 . 1 53.4 53.4 5 3 . 4 53.4 53.4 120001 19.3 52.5 53.4 53.3 51.7 53.7 190001 19.3 90001 21.1 40001 21.7 56.8 59.6 55.8 59.6 55.8 59.6 96.8 99.6 55.8 59.6 56.5 50.6 56.9 56.8 59.6 56.9 59.6 59.6 () E 57.5 62.1 58 • 7 63 • d 9.6 59.6 59.6 59.5 64.7 64.0 64.5 64.0 64.0 64.7 64. 0 64.0 64.0 64.0 64.3 44... 70001 25.0 60001 25.8 69.6 66.1 69.6 66.1 66.1 61.6 5730 F 27.0 72.4 72.4 72.4 72.4 67.1 11.2 71.4 12.4 72.9 72.4 72.4 72.4 72.4 72.4 G.F 45 Unl 28.3 40 Unl 28.3 35 Unl 28.5 74.5 77.0 74.5 77.0 74.5 77.0 74.5 77.0 74.5 77.0 74.5 77.0 14.5 GF GF 71.4 72.4 74.2 73.5 75.8 74.5 74.5 77.3 14.5 17.0 74.5 17.0 74.5 77.5 75.3 19.6 12.7 75.1 79.8 19.P 79.8 97.9 77.9 79.A B7.9 i, i 85.1 86.5 A7.9 97.9 97.9 87.0 £7. ; 25001 29.5 41.1 45.3 A8.5 20.1 21. 3 91.5 91.3 91.5 91.5 91.4 91.3 91.3 91.3 91.3 91.3 20634 30.1 18004 30.1 6 5 . . A 3 . 5 91.J 91.3 93.8 93.h 93.8 93.9 93.8 93.9 92.1 92.9 93.5 S F 119.5 73. A 94.8 43.8 94.4 ив. в 94.4 υf gr 94.4 94.4 74.4 94.4 15001 30.1 84.2 91.9 95.3 95.7 95.7 25.7 95.7 95.7 94.7 45.1 12001 30.1 97.2 97.2 97.2 97.2 76.6 97.2 incol 30.1 97.2 97.2 97.2 96.9 97.2 47. 96.6 91.2 H5 . 1 27.7 97.2 91.2 97.0 ſ, f 9501 30.1 93.2 95. 76.6 96.9 96.9 96.9 99.9 AUG | 30.1 70: | 30.1 94.4 96.5 97.8 96.4 98.4 99.5 98.8 99.4 99.8 98.8 99.4 91.9 98.4 98.8 45.5 98.4 YP.A 96.1 99.1 99.4 (, \$ 96.6 42.2 99.1 99.4 99.4 61-31 30-1 92.2 9700 28.8 99.4 P6 . 6 100.0 100.0 50ml 30.1 06.6 92.2 97. 28.8 99.4 99.4 99.4 100.0 100.0 100.0 94.7 100.0 99.4 6.4 4001 30.1 H6.6 92.2 94.7 97. 98.8 99.4 99.4 100.U 109.7 100.0 100.0 100.3 100.0 100.0 3001 30-1 96.6 92.2 97. 98.8 98.8 99.4 99.4 99.4 100.0 100.9 107.0 107.0 100.0 100.0 100.J 100.0 100.0 t. F 94.1 99.4 1001 37.1 6.6 55.6 92.2 94.7 78. B 00.4 99.4 100.0 100.0 100.0 100.0 100.0 01 10.1 92.2 94.7 91. 91.8 99.4 99.4 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY RHANCH UNAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERNUT VISIBILITY FROM HOURLY OBSERVATION.

STATION NUMBER: 743750 STATION NAME: FT DRUM NY P: PIOD OF PECORD: 19-86 MONTH: AUG HOURS(LST): CETUING VISIPILITY IN STATUTE MILES 35 36 31 66 61 6 5 4 7 2 1/2 66 36 1 374 1% | GE 3 0 05 GE 2 1 1/2 1 1/4 51 5/16 172 1/4 NO CETE 1 15.3 42.4 44.5 45.5 46. 3 46.8 47.0 47.1 47.1 47.3 47. 1 47.3 47.4 47.4 47.5 47. 65 (0000) 16.4 50 · 1 50.8 51.0 51.1 51.1 51.1 51.7 51.2 11.4 41.9 49.2 51.0 51.3 45.8 50.6 56.6 50.8 51.0 51.1 51.1 51.5 51.2 51.2 DE 180001 16.4 45.6 47.7 49.2 57.1 51 - 1 51.3 51.4 51.0 5,1 - 1 WE 160001 16.4 WE 140001 16.4 47.7 50.1 50.5 50.6 51.0 50.8 51.2 51.0 51.3 51.0 51+1 51+5 51.1 51.2 51.6 51.2 51.5 45.8 49.2 £ 1 . 4 45.0 47 - 6 47.3 47.5 51.8 52.5 52.6 52.6 52.8 57.0 52.9 52.9 68 | 100001 16.9 56 . . 57 . 6 16.6 57.9 50.0 53.6 53.7 55.1 55. 1 56.1 56.1 56.7 54.4 57.3 51.6 51.2 55 . 1 56.4 57.1 57.4 57.4 57.7 97.7 57.8 0"001 17.8 70001 18.5 5.5 57.7 60.7 63.7 63.0 61.7 63.8 50.9 53.2 51.1 13.4 58.0 60.1 63.9 63.2 55.2 59.3 63.9 62.5 60.5 61.1 61.9 60gml 19.2 59.9 63.5 61.8 63.0 5.601 20.0 45 01 20.5 40001 21.0 57.9 58.9 61.1 65.2 66.4 66.4 67.7 70.5 65.5 67.7 73.6 4 5 • 7 5 **7** • 4 5 F 6 F 61.9 66.1 67.3 66.4 67.7 61.1 64.2 67.1 66.3 66.3 56.4 66.6 67.9 70.2 73.4 70.4 70.5 73.5 77.7 64.2 66 • 6 68 • 6 69.8 77.5 69.1 35 dD | 21.5 50 DO | 21.7 73.1 6.5 12.9 71.1 1, 5 14.3 79.5 79.3 25001 22.1 28001 22.5 19001 22.6 69.2 71.9 72.3 73.5 75.6 77.1 76.7 gJ.1 AJ.6 80.3 83.6 82.6 86.7 81.7 86.9 87.5 81.2 85.2 62.1 86.2 82.8 87.0 92.8 P7.0 h?.9 h7.1 41. 81.4 R7.6 6.5 84.1 85. B 86 + 8 97.3 97.3 A7.5 97.5 87.6 57.7 15001 27.0 12001 23.2 73.6 90.3 91.1 94.5 88.5 91.0 89.5 90.0 90.3 90.6 93.4 10001 21.2 75.5 95.4 89.3 91.9 93.2 93.9 93.9 94.3 94.3 94.4 94.4 9001 23.0 8001 23.2 7101 23.3 75.6 75.2 76.5 of i, € 81.4 82.3 85.5 P6.4 89,9 91.3 91.4 93.4 94.9 94.1 95.8 94.1 95.8 94.5 94.5 74.5 96.2 94.5 94.6 94.8 94.9 95.6 97.1 82.7 95.4 i, f 86.7 91.5 91. 9 96.4 96.4 96.8 91. . 9 95.9 46.9 76.9 97. 25.0 97.8 97.8 98.4 98.6 99.8 09.3 16.8 87.0 96.6 75.9 76.9 87.7 97.8 95.3 98.1 98.4 94.8 99.u 99.7 98.9 97.1 99.1 99.3 99.3 401 23.3 1001 21.3 96.9 (,) 99.6 2001 25.3 76.9 83.2 97.4 92.9 75.5 97.1 99.4 ¥9.4 99.0 99.4 99.4 99.6 99.9 99.4 1001 23.3 6. 16.9 83.2 87.8 92.4 44.5 97.1 98.4 98.4 99.1 99.4 99.4 99.1 99.7 99.9 122.0 31 27.3 1+ 5 16.9 43.2 97.8 98.4 99.4 99.1 99.4 39.4 97.7 99.7 99.9 100.0 92.3 94.5 97.1

TOTAL NUMBER OF POSCHWATIONS: 2198

AIR WEATHER SERVICE/MAC

GUOBAL CLIMATOLOGY BRANCH PERCENTAGE ERLQUENCY OF GCCUMPENCE OF CETLING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 7437CO STATION WAME: ET DRUM MY

PERIOD OF PECORD: 79-86
MONTH: SEF HOURS(LS HOURS(LST): DAUN-Dano VISIPILITY IN STATUTE MILES GE GE GE GE 2 1 1/2 1 1/4 1 CEILING IN | GE FEET | 10 77 TE 1 77 N 6E GE 5/8 1/2 5/16 NO CEIL | 7.4 19.2 43.1 43.1 46.1 46.3 46.3 46.3 46.3 46. (46.3 46.3 46.3 50.5 50.7 50.7 50.5 50.7 50.7 5...5 9.4 9.4 47.3 47.2 47.0 47.2 49.3 50.5 50.5 50.5 50.7 50.5 50.5 50.7 GE 200001 GE 180001 41.9 50.5 42.2 50.7 50.7 50.5 50.7 GE 160001 9.4 42.2 47.2 47.2 49.5 50.5 50.7 50.7 50.7 50.1 50.7 50.7 50.9 GE 140001 9.4 42.4 47.5 47.5 47.5 47.7 49.9 50.7 50.9 50.9 5g.9 51.2 53.9 50.9 50.9 50.9 6E 120001 100001 43.8 47.3 49.5 53.2 53.2 53.2 53.2 53.2 51.8 52.8 53.2 53.2 90001 9.4 85001 10.1 49.5 49.5 53.7 51.9 53 5 57.8 53.5 58.1 53.5 53.5 58.1 57.5 50.1 53.5 53.5 59.1 53.5 63.1 51.5 C ? . f 70001 10.4 6 E 47.9 54.4 54.6 58 - 1 59.4 59.9 60.1 60.1 60.1 6p.1 60.4 63.4 60.4 57.4 690ml 11.3 49.5 ſ₁ ŧ 55.0 56 • 5 59.7 61.3 61.8 62.0 62.0 62.0 62.11 67.2 62.2 62.2 62.2 1 . . 4 G E 50001 11.8 52.5 59.0 59.7 65.2 65.7 64.4 63.4 64.7 65.4 65.4 65.4 65-4 65.7 55.7 6 . 7 45001 11.8 40001 12.0 53.2 59.7 65.4 65.9 66 - 1 64.1 66.1 72.4 66.1 66.1 66.4 66.4 66.4 66.4 17. -1, 5 65.4 66 . 4 70.0 3' 00 L 12.0 74.7 74.7 74.7 74. -65.6 12.1 13.7 74.4 74.4 74.4 74.4 74.7 14.2 30001 12.0 75 - 6 77.6 G. F 25001 10.0 61.1 69.9 71.2 76.E 78.6 78.1 78.3 78.3 74.5 i, F 2: acl 12.2 73.3 91.6 1.2 . 4 71.9 80.6 81.1 81.3 81.3 81.3 81.3 #1.6 81.6 91.6 31.0 62.9 R2.3 R7.3 19:00 | 12:4 15:00 | 13: 72 • 4 15 • 7 13.1 13.3 79.3 84.1 81.9 92.0 87.3 я2.3 Ч7.6 81.8 87.1 81.8 81.1 86.2 81.6 81.8 82.0 87.3 82.0 87.3 85.0 88.J 89.7 88.9 89.2 1000| 13.6 68.2 69.2 69.4 69.7 91.5 91.7 97.2 93.3 81.5 87.3 90.1 91.9 91.9 91.7 92.2 92.2 92.2 92.2 97.4 91.9 92.9 93.8 79.3 79.5 97.4 GE 67.3 90.1 92.4 92.4 97.6 8001 13.6 7001 13.8 94.0 94.7 6 f 81.8 93.4 94.0 94.0 88.3 91.3 93.5 94.3 11.7 88.5 21.7 94.7 94.7 94.9 94.9 94.9 95.6 0.5 00.0 82.3 89.7 92.2 94.2 94.9 95.2 95.4 95.4 75.4 95.4 5101 13.8 4501 17.8 3001 13.8 95.9 96.8 97.2 92.9 95.4 96.1 95.3 97.5 97.9 96.3 97.5 97.4 69.1 80.2 80.4 88.9 89.4 96.1 97.0 96.5 96.5 95.8 41.01 69.1 to f 81.4 82.9 89.4 93.5 96.3 97.5 98.2 99.2 98.2 94.4 98.6 2001 13.9 1501 13.9 69.1 98 • 8 98 • 8 83.4 83.4 89.4 93.5 96.5 97.7 98.4 98.4 98.4 98.6 99.1 99.3 01 13.4 89.4 97.9 99.4 83.4 98.6 98.8 99.3 170.0

GEOBAL CLIMATOLOGY BRANCH LSAFETAC

PERCENTAGE EPIQUENCY OF OCCURRENCE OF CELLING VEHRUS VISIBILITY FROM HOURLY OBSERVATIONS

ATR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PERIOD OF RECORD: 78-86 MONTH: SEP HOURS (ESTI: JACO-11-G VISIRILITY IN STATUTE MILES CEILING IN F GE GE FEET | 10 6 CELLING

IN | GE GE SE GE GE
FEET | 10 6 5 4 3 2 1/2 5.5 at St GE GE GE GF GF 2 1 1/2 1 1/4 1 1/16 1/4 5/8 172 1/4 NO CEIL | 15.6 42.0 43,4 45.3 GE 200001 16.5 45.2 47.7 47.7 47.7 47.1 47.1 47.7 41.7 47.7 46 • B 45 • B 47.7 47.7 47.7 47.7 47.7 47.7 47.7 190001 16.5 47.7 41.1 41.7 47.7 47.9 47.7 47.7 47.7 47.7 45.2 46.3 47.7 47.7 160001 16.5 46.8 47.7 GE 41.7 140001 16.5 45.4 45.5 47.0 47.9 47.9 47.9 47.4 47.4 47.9 41.1 41.1 47.0 47.6 48.5 48.5 48.5 GE 120001 16.5 40.00 10000| 16.8 9000| 17.2 8000| 17.2 51.4 53.3 51.3 GE GE 48.8 50.8 49.9 51.9 50.5 52.4 51.4 53.3 51.4 53.3 55.2 51.4 53.3 55.2 51.4 53.3 55.2 51.4 53.3 51.4 53.3 51.4 51.4 53.3 55.2 55.2 52.6 55.2 58.4 59.9 55.2 ù F 53.7 54 • 2 57 • 1 55.2 55.2 15.2 58.4 59.9 58.4 59.9 58.4 57.9 58.4 CR _ 4 70001 17.9 55.3 56 . 4 58.4 58.4 59.9 6000 I 18.6 53.9 62.2 63.1 GE GE 5000| 18.6 4500| 19.0 59.0 59.9 6J.2 61.1 60.8 61.7 62.2 63.2 63.1 67.2 67.1 52.2 63.1 62.2 62.2 63.1 62 · 2 63 · 1 63.1 63.1 G E 40001 19.3 63.3 64 . 7 65.3 66.7 66.9 66.9 66.9 65.9 64.9 66.9 66.9 16.9 11. 70.0 75.0 70.0 75.0 70.0 75.0 10.0 15.3 76.0 75.J 3500 L 19.5 (5.3 67.3 67.3 69.B 70.0 70.0 10.0 30001 19.7 74.7 G E 25001 20.3 72.2 75.4 77.4 11.8 77.8 77.9 71.9 77.9 77.3 11.9 11.7 77.4 11.9 11.1 2000| 21.5 79.6 83.7 8J.5 81.6 93.0 84.3 83.4 84.6 P3.4 84.6 41.4 84.6 82.6 83.7 83.4 83.4 84.6 93.4 83.4 84.6 95.4 97.4 6 E 15001 22.8 82.3 45 . 7 86.6 89.5 90.2 90.4 90.6 90.6 93.6 27.6 23.6 90.5 9".6 24.4 92.4 U.E. 12001 23.1 84.4 H7.9 88.8 91.5 92.4 92.6 92.8 92.9 92.4 92.8 92.4 93.4 92.4 89.8 94.3 94.9 96.2 94.,º 10001 23.1 85.4 39.7 92.6 93.7 94.2 94.7 94.7 94.2 94.9 94.0 94.7 94.2 94.2 903 | 23.3 800 | 23.3 700 | 23.3 94.9 90 . 2 74.2 94.A 94.9 94.9 94.9 96.2 GE 6.1 96.3 89.5 90.6 94.0 95.5 96.0 96.9 96.2 96.2 96.2 96.2 96.2 95.2 97.1 97.1 97.1 47.1 91.1 94.6 46.2 97.6 6001 23.3 87.L 93.6 95.3 97.8 97.8 97.8 77.8 91.8 97.8 6F 76.9 97.8 500 L 23.3 A7.3 91.g 91.1 92.2 95.7 97. 3 98.7 98.4 98.4 99.4 99.3 49.4 79.4 79.3 99.4 98.4 Q P . 4 48.4 97.5 99.1 68 400 | 23.3 92.4 96.0 97.6 99.6 99.1 99.3 99.5 3001 23.3 2001 23.3 97.5 87.5 99.5 99.6 40.6 99.5 99.5 92.4 96.7 97.8 99.7 99.1 77.6 99.6 99.6 6F 91.1 92.4 96.0 77.8 98.7 99.5 99.6 99.6 79.6 19.6 99.5 100.0 100.0 110.0 96.1 99.5 101.0 100.0 99.8

99.5

99.8 137.7 170.0 103.7 170.3 107.0 130.3

TOTAL NUMBER OF ORSERVATIONS:

A7.5

01 23.3

ЬE

91.1

92.4

96.

77.8

98.7

99.5

GEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM POURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM MY PERIOD OF RECORD: 78-86 MONTH: SEP HOURS(LST): 170%-1409 VISIBILITY IN STATUTE MILES CFILING IN 1 GE FEET 1 1C 6 F 5 **7 8** GE 1/2 GE GE GE 2 1 1/4 GF 1 5L 7/4 6.F 5716 NO CETE 1 14.5 38.3 36 . 7 39.9 19.9 39.9 39.9 39.9 39.9 50.7 17.9 39.9 79.9 39.9 39.7 of 200001 16.0 45.7 45.9 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 46.3 47.5 47.5 47.5 47.5 41.5 47.5 41.5 16000| 16.0 45.7 45.9 45.9 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47.5 46.3 47.5 47.5 GE 140001 16.0 45.7 46.3 47.5 47.5 47.5 47.5 47.5 47.5 47.5 47. 47.5 41.5 47.5 47.3 48.3 GF 120001 16.0 46.5 45.5 48.3 48.3 48.3 6E 100001 16.9 49.5 47.7 50.1 51.4 51.4 51.4 53.2 51.4 53.2 51.4 51.4 53.2 51.4 53.2 51.4 51.4 57.2 54.6 51.4 9707| 17.2 51.4 51.5 51.9 51.4 53.2 54.6 53.2 53.2 53.2 53.2 54.6 57.5 53.2 54.6 53.2 80001 17.4 70001 18.1 52.8 54.6 54.6 54.6 61 53.0 54.6 57.5 54.6 54.6 57.5 54.6 54.6 55.9 57.5 57.5 57.5 57.7 56.3 57.5 57.5 67001 18-1 51.9 57.9 57.9 50001 19.8 45001 20.1 58.4 59.9 59.9 (, f 60.4 60.4 60.4 60.4 60.4 60.4 61.5 65.2 67.2 61.5 65.2 67.5 σŧ 61.5 60.3 61.5 61.5 61.5 61.5 61.5 61.5 61.5 61.5 4°361 21.1 35001 21.5 63.5 63.7 65.2 65.2 65.2 64 . 2 65.2 65.2 55.2 61.5 65.2 65.2 ts F 64 - 1 65.2 65.5 67.3 67.3 67.5 57.5 67.5 14.2 74.2 74.2 74 ... 6.5 6.5 25001 24.7 75.6 83.5 84.2 81.1 86.4 87.1 81.1 86.4 87.1 91.1 96.4 97.1 81.1 86.4 87.1 75.3 79.7 80.4 85.7 80.8 86.3 80.8 86.0 81.1 86.4 R1.1 86.4 82.A 53.5 6. 18001 26.3 93.4 86.4 86.8 87.1 87.1 87.1 86.8 87.1 97.1 15301 25.5 12501 26.7 84.9 92.3 92.4 92.9 92.9 92.9 92.9 92.3 94.2 92.9 92.9 93.4 10601 26.7 9901 26.7 8901 26.7 95.5 95.5 95.5 93.0 93.0 93.9 93.9 94.7 94.1 94.4 94.4 94.7 94.7 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 6.5 86 . h 92.5 97.9 94.0 94.4 94.7 95.5 95.5 95.5 95.5 95.5 95.5 95.5 91 • 1 92 • 1 95.5 96.6 96 • 2 97 • 3 95.2 94.2 97.3 96 · 2 97 · 3 96.2 97.3 96.2 97.3 700 26.7 96.H 33.3 93.9 94.5 94.9 96.2 6.5 5. 01 26.7 88.1 91.7 92.7 98.2 98.2 98.2 98.2 98.2 4UB | 26.7 300 | 26.7 44.. 46.4 91.8 92.3 93.1 93.3 96.9 97.1 97.5 97.5 98.0 98.4 98.9 98.9 99.5 93.9 90.9 98.9 99.5 98.9 99.5 98.7 98.9 99.5 98.9 to E 2601 26.7 99.6 99.6 97.1 98.5 99.6 88.4 92.3 95.3 97.5 99.6 99.6 79.6 99.6 99.6 99.6 97.1 91.5 98.5 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 (, } 71 26.7 92.3 93.3 97.1 97.5 98.5 99,8 99.8 99.8 107.9 100.0 100.0 100.0 100.0 100.0

DLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VIRSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-86
MONTH: SEP HOURS(LST): 1500-1700 STATION NUMBER: 743700 STATION NAME: FT DRUM NY VISIBILITY IN STATUTE MILES GE GE GE CEILING IN 1 GE FEET 1 10 GE GE GE 4 3 2 1/2 GE GE Gt. 2 1 1/2 1 1/4 6E 5/16 J 3/4 5/8 1/2 1/4 NO CEIL | 21.7 40.1 43.6 41.0 41.5 41.5 41.5 41.5 41.5 41.5 41.5 41.5 41.5 41.5 41.5 41.5 50.2 50.2 50.2 GE 20000| 24.9 49.8 50 • 2 50 • 2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 55.2 50.2 GE 160001 24.9 48.8 49.3 49.8 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.0 GE 140001 24.9 GE 120001 24.9 50.7 50.7 51.2 50.7 51.2 50.7 50.7 55.7 49.8 50.7 51.2 50.7 50.7 53-7 50.1 5 D . 7 GE 100001 26.3 53.5 54.4 54.8 55.3 55.3 55.3 55.3 55.3 55.3 55.3 55.3 55. 55.3 55.3 90001 26.3 80001 26.7 53.5 56.2 54.4 57.1 54 • 8 57 • 6 55.3 58.1 55.3 58.1 55.3 58.1 55.3 58.1 55.3 58.1 55.3 58.1 55.7 58.1 55.3 58.1 55.3 58.1 55.3 58.1 55.3 58.1 56.7 70001 26.7 60001 27.2 57.6 53.1 58·5 59·0 58.5 59.5 58.5 58.5 59.5 58.5 58.5 58.5 59.0 59.0 59.0 59. 59.3 59.9 59.9 59.9 59.9 59.9 59.9 50.9 59.9 59.9 59.9 GE 50001 27.2 58.1 59.4 50.9 61.3 68.2 59.4 61.3 61.3 61.3 61.3 69.2 61.3 61.3 61.3 61.3 61.3 61.3 4500| 28.1 67.3 63.8 67.7 61.3 GΕ 68.2 f H . . 350nl 32.3 70.5 73.3 73.7 74.7 74.7 74.7 14.7 ЬŦ. G E 30001 32.3 74.2 77.4 78.8 79.3 19.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 19.3 79.3 76.3 8J.2 82.J 83.7 85. R 95.3 95.3 88.0 GE 25001 32.7 82.9 A 7. 2 94. 8 85.3 85.3 85.3 85.1 P5. 1 85.3 85.3 2000 | 33.2 88.0 88.0 88.0 88.0 88.0 88.0 C.8P 89.0 8 R . D GE 87.6 84.8 86 . 6 16001 33.2 15001 33.2 83.2 83.9 88.0 90.8 88.D 88.0 88.0 70.8 88.0 88.0 98.0 90.8 88.0 88.0 90.8 GE 81.6 85.7 86.6 88.9 49.9 90.8 90.8 90.8 93.8 ≎0.8 92.6 85.5 90. B 92.6 92.2 93.5 93.5 91.5 93.5 93.5 93.5 93.5 10001 34.1 88.5 90.9 92.6 93.5 94.0 1. F 9001 34.1 9 4 . 4 63.0 89.9 91.2 92.2 04.0 94.0 94.0 94.0 94.6 94.9 95.4 97.2 94.9 95.4 97.2 800| 34.1 700| 34.1 600| 34.1 94.9 89.4 94.9 94.9 94.9 94.9 94.9 94.9 93.4 83.9 83.5 92.6 6 E 91.7 95.4 95.4 95.4 95.4 6.5 91.7 91.2 97.2 93.8 94.3 con: 34.1 95.3 95.7 95.7 94.5 95.4 95.4 75.4 76.3 96.3 97.2 97.2 97.7 99.1 99.1 97.7 99.1 97.1 99.1 97.7 97.7 97.7 97.9 91.7 91.7 97.7 40nl 34.1 30nl 34.1 91.2 72.2 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99-1 99.1 GE. 91.2 92.2 96.3 2001 34.1 91.2 99.1 92.2 99.1 46.3 99.1 92.2 96. 3 91.7 99.1 99.5 99.5 99.5 100.0 100.0 01 34.1 95.7 91.2 92.2 95.4 76.3 91.2 99.1 99.1 99.1 99.5 99.5 99.5 100.0 100.0

GLURAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHFR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETALING VEHSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 7437UD STATION NAME: FT DRUM MY											PERIOD OF PECORD: 78-86 MONTH: SEP HOURS(LST):				ALL		
ĊĒ	ILING	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • •	• • • • • • •			IN STATE			• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
F	IN H	GE 10	6 E	3 E 5	üE 4		65 2 1/2	GE	GE 1 1/2	G L 1 1/4	G E 1	G (7/4	9 (3 / 8	3£ 1/2	2716 25	6E 174	G F
	CEIL I		39.5	40.9	41.3	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.6	42.8	42.8	42.8	47.8
t. E	200001	15.6	45.0	45.7	47.1	48.4	48.6	48.7	48.7	48.7	40.7	40.7	48.7	49.7	48.7	48.7	44.7
ĿΕ			45.1	45.8	47.1	48.4	48.7	48.7	49.7	48.7	49.7	4 4 . 7	48.7	49.7	48.7	49.7	48.7
GΕ	160001	15.6	45.1	46 . 9	47.1	48.4	46.7	48.7	48.7	48.7	48.7	49.7	49.7	48.7	48.7	48.7	49.7
GE	140001		45.2	47.0	47.3	48.6	48.8	48.9	48.9	48.9	48.7	48.9	48.9	48.9	48.9	49.9	48.7
GE	120001	15.6	45.7	47.4	47.8	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49,4
GE	100001	16.2	48.4	50.3	50.7	52.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
UE	10000	16.4	49.6	51.5	51.9	53.2	53.4	53.6	53.6	53.6	53.6	53.6	51.6	53.6	r3.6	5 4 . 6	53.6
GE	8000		51.7	53 • 8	54.2	55.6	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56 - 1
G.E.	7000		53.7	55.9	56.3	59.1	58 • 4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	56.6	58.6	58.7
G E	60001	17.7	54.7	55.9	57.4	59.1	59.5	59.6	59.7	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.8
GE	50001	18.3	57.1	59.3	59.8	61.7	62.3	62.1	62.2	62.3	62.2	52.2	62.2	62.2	62.2	62.2	57.3
GE	4500		58 - 1	67.3	60.8	62.5	63. D	63.1	63.1	63.1	63.1	5 4 . 1	63.2	63.2	63.2	63.2	63.2
GE	40001	-	61.8	64.8	65.4	67.2	67.7	67.8	67.9	67.9	67.9	57.9	67.9	67.9	67.9	67.9	64.0
GE GE	35 00 1		63.9	67.2	67.8	70.1	70.7	70.8	70.9	70.9	73.9	70.9	70.9	73.9	70.9	79.9	71-3
υt	30001	20.1	67.5	71.5	72.2	74.5	75.2	75.3	15.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6
GE	25001	21.1	71.2	75.4	76 - 3	78.9	79.5	79.7	19.9	79.9	77.0	10.0	80.0	80.0	80.0	80.0	# O . 1
GE	20001	22.1	74.5	77.2	83 - 2	1.59	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
GE	1800 [75 • 2	77.9	80.9	83.8	64.7	84.9	85.1	85.1	85 · 1	65.1	85.2	85.2	A5.2	95.2	85.2
GΕ	15001		78.9	84.3	85.4	88.8	89.9	90.1	90.4	90.5	93.5	90.5	97.5	93.5	93.5	97.5	95.6
6 F	12001	23.2	80.4	85 • 8	87.0	90.5	91.5	91.8	92.3	92.3	92.5	92.3	97.4	92.4	92.4	92.4	92.4
GE	10001	23.2	81 - 3	86 • 7	97.9	91.5	92.8	93.4	93.9	94.0	04.0	94.0	94.0	94.0	94.0	94.0	94.1
GE		23.3	01.5	86.9	89.1	91.7	93.0	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
GΕ		23.3	81.6	87.1	88.4	92.3	93.7	94.5	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95	95.3
6 E		23.4	81.8	87.4	88.7	92.5	44.3	95.3	95.9	96.0	76.0	96.0	96.1	96.1	96.1	96.1	96.1
GΕ	6 UD 1	23.4	P 2 • 5	83.1	89.5	93.6	95 · Z	96 • 2	96.8	96.9	96.9	76.9	97.0	97.0	97.0	97.0	97.0
ΘE	4.001	23.4	A2.7	89.5	89.9	94.1	95.8	97.0	91.6	97.7	97.7	97.7	97.8	97.9	97.8	97.8	97.8
ЬE		23.4	83.U	88.7	93.3	94.6	96.4	97.6	98.5	98.5	98.7	99.7	98.7	98.7	98.7	98.7	98.8
ĿΕ		23.4	A 3 • U	89.8	93.3	94.5	96.5	97.8	98.9	98.9	99.1	97.1	39.1	99.1	99.1	79.2	99.3
GF.		23.4	A 3 • O	83.8	9J.3	94.6	46.5	97.9	99.0	99.1	99.3	99.3	33.3	99.3	99.4	99.4	99.5
υE	1001	23.4	83.Ü	89.5	90 • 3	94.5	46.5	97.9	99.1	99.1	99.4	99.5	79.6	99.6	99.7	99.8	99.9
⊌£	n I	23.4	83.U	88.9	90 - 3	94.6	96 • 5	97.9	99.1	99.1	99.4	99.5	99.6	99.6	99.7	99.8	100.0
• • •	• • • • • •	• • • • •	• • • • • • •	•••••	••••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	· • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • •

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CETLING VERSUS VISIBILITY FROM HOUGLY OBSERVATIONS

5 T.	A ETON	NI MPER:	743700	STALI	ON NAME:	FT C) P U w 4 4					PERIOD OF RECORD: 78-86 MONTH: OCT — HOURS(LST): 0607-0860								
Cf	11.156							VISI	BILITY	IN STAT	UTE MIL	E٢								
		i st	GE	5 E	υĘ	G E	61	GE	GΞ	GE	GE	G.F.	G E	GE.	5 t	64.	5.4			
	-	1 10	b	5	4		2 1/2		1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	174				
• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •			
NO.	1133	1 11.3	43.8	32.5	33.7	35.2	35.4	35.7	36 • 1	36.1	₹6.6	34.6	77.1	37.1	77.3	37.5	* 4 . 1			
61	20000	1 12.0	33.3	35.2	36 . 9	38.3	₹8 • 6	35.8	39.5	39.5	40.2	9 (1	40.7	41.7	41.3	41.2	41.7			
υ£	18, 01,	0.51	33.3	35.2	35 . 9	38.3	38.6	38.8	39.5	19.5	40.2	90.2	40.7	43.7	41.0	41.2	41.7			
	160:00		* 5 . 3	35.2	36.9	38.5	38.6	38.8	39.5	39.5	40 . 2	43.2	40.7	43.7	41.3	41.2	41.7			
t, €	14300	12.0	13.3	35.2	36 . 7	38.3	38 . b	38.8	39.5	39.5	43.2	40.0	40.7	40.7	41.0	+1.2	41.7			
(· E	12000	1.12.0	33.5	35 • 4	37.1	39.5	18.8	39.0	39.8	39.8	40.5	47.	41.0	41.7	41.2	41.4	41.0			
ьE	10000	1 12.3	15.2	47.3	39.3	41.7	41.2	41.7	42.4	42.4	43.1	41.1	43.6	43.6	44.1	44.3	44.4			
6.0		13.0	36.9	39.0	41.3	42.7	42.9	43.4	44.1	44-1	44.6	44.9	45.3	45.3	45.B	46.3	46.5			
6 E		13.0	41.3	43.4	45.5	47.2	47.5	48.0	48.7	49.7	49.4	49.4	49.9	43.9	50.4	50.6	1.1			
6 F		13.0	41.7	44.3	45.5	48.9	49.2	49.6	50.4	50.4	51.3	51.5	51.8	52.0	52.5	52.8	52.7			
6 E		13.3	42.4	45.1	47.2	49.5	49.0	50.4	51.1	51.1	52.0	57.0	52.5	52.8	53.3	51.5	54			
ĿΕ		1 13.	45.5	49.2	51.3	53.7	54.2	5 4 • 9	55.9	55.9	56.9	26.0	57.3	57.6	69.1	58.3	· H . H			
υE	4500	1 13.7	46.3	53.1	52.3	54.7	55.4	56.1	57.1	57.1	58 • 1	5 - 1	" R . 6	59.8	<9.3	20.2	6(**			
6 E		14.5	49.2	53.5	55 • 7	58.5	59.3	60.0	61.2	61.2	62.2	62.2	62.7	62.9	63.4	63.6	64.1			
υľ		14.5	51.6	55 • 2	57.8	61.4	61.9	62.7	63.9	63.9	64.5	54.6	65.3	65.5	66.0	64.3	1.0.7			
6 °.	30.00	14.7	55.4	61.7	65.1	68 - 7	69.2	70.1	71.6	71.6	72.5	12.5	73.1	73.3	73.7	74.9	14			
G T	25 00 1	1 15.2	59.5	65.1	69.2	73.1	13.1	74.9	76.4	76.4	77.5	17.3	77.8	79.1	78.6	79.8	19.3			
GΕ		16.1	63.9	69.6	74.0	79.1	78.8	80.5	81.9	81.9	82.9	92.9	83.4	81.6	A4.1	84.3	ац., р			
6 F		16.1	64.1	69.1	74.2	74.3	79.0	80.7	82.2	82.2	83.1	83.1	83.6	81.9	94.3	54.6	85 . I			
G.E.		16.4	£6.0	72.5	77.1	я1.э	H2 . 7	84.6	96.U	86.0	97.2	87	97.7	88.0	88.4	H 4 . 7	89.			
GE	1200	1.45.4	67.5	74.7	79.3	84.1	95.1	87.2	A A . 7	88.7	89.0	60.0	90.4	93.6	91.1	91.5	91.H			
ù E	1000	1 16.4	6.1.5	14.1	19.5	84.3											23.3			
G.F.		1 16.4	67.5	75.2	83.0	85.1	86.3 86.5	88.2 89.7	89.9 9J.4	89.9 90.4	91.1	91.1 91.6	21.6	91.9	72.3	92.5	93.5			
GE		16.4	67.7	75 • 7	83.5	85.8	87.3	89.9	91.6	91.6	77.8	97.8	92.0 93.3	92.3 93.5	92.g	94.2	24.7			
6 E		16.4	61.7	75.7	80.5	85.5	87.3			-		97.9				94.2	24.7			
6E		16.4	65.2	75 - 1	81.3	86.5	87.7	89.9 90.6	91.6	91.6	92.8 93.7	9 7 . 7	93.3	93.5	94.0	45.2	95.7			
	3.5		_						2.00											
í, €	500	16.4	69.2	75 - 1	81.0	86.5	87.7	90.6	92.3	12.3	94.{i	94.0	94.5	94.9	95.4	35.7	46.4			
6E	400	16.4	63.2	75.1	81.3	87.2	48.4	91.3	93.0	93.0	94.9	34.9	95.4	95.4	96.7	97.1	97.8			
₽£	360	16.4	69.2	75.1	A1 • U	87.5	88 • 7	91.6	93.7	93.7	95.9	95.0	96.4	97.3	97.8	98.1	98.5			
GF.		16.4	68.2	75.1	81.0	87.5	38. 7	91.6	93.7	93.7	95.9	95.0	96.4	91.6	98.1	98.3	99.3			
65	100	16.4	68.2	75 - 1	81.J	87.5	88.7	91.6	73.7	93.7	9,.9	95.4	96.4	97.9	98.3	92.6	1:5.0			
GΕ	n ·	1 16.4	58.2	75 - 1	81.0	A7.5	nb. 7	91.6	93.1	93.7	95.9	95.0	96.4	97.8	98.5	90.4	100.0			
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GEORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FRIQUENCY OF OCCURPENCE OF CFILING VERSUS VINIBILITY FROM HOUSEY OBSERVATIONS

5 T A	TION N	L M 9 E R :	743733	11412	ON VAME	: f1 0	8FH 44					PERIOU		ORD: 79 Fours	~86 [LST]: :	11ursC	5 0
CET	LINU	• • • • •	• • • • • • •		•••••	• • • • • •	• • • • • •	v 153		IN STATE		• • • • • • • • • • • • • • • • • • •	· · · · · · ·	· · · · · · ·	• • • • • • •	• • • • • •	• • • • • • • • •
		68	6 E	31	SΕ	33	65	GE	GE	66	66	r, t	GE	GE	68	r, į	G.F
	ET [6	5	4		2 1/2		1 1/2		1	1/4	5/8	1/2	5/16	1/4	Ta .
• • •	• • • • • •	• • • • • •	• • • • • • •		•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • •
N O	CETL I	14.2	37.3	39.7	39.4	39.9	39.9	39.9	39.9	50.9	39.9	32.7	19.9	39.9	14.9	23.8	₹9.4
ωĒ	200001	14.7	4.1.8	42.3	43.0	43.5	43.5	43.5	43.5	41.5	43.5	43.5	43.5	43.5	43.5	41.5	43.5
GE	187071	14.7	43.8	42.3	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	41.5	43.5	41.5	43.5
GF.	163631	14.7	40.8	47.3	43.0	43.5	43.5	43.5	43.5	43.5	43.5	या १०६	43.5	43.5	41.5	4 . 4	43.5
	140001		40.9	42.5	43.2	43.7	43.7	43.7	43.7	43.7	43.7	41.7	43.7	43.7	45.7	4 5 . 7	43.8
n F	120001	14.9	41.1	42.9	43.5	44.3	44.3	44.3	44.D	44.0	44.3	44.0	44.0	44.9	44.3	44.0	4.4.0
	160001	15.1	44.2	45.1	46.7	47.3	47.3	47.3	47.3	47.3	47.1	47.7	47.3	47.3	47.3	47.3	47.1
υĒ	90001		44.9	45.7	47.4	47.9	47. 9	47.9	47.9	47.9	47.9	47.7	47.9	47.9	47.9	47.9	47.
GE	80001		47.1	47.7	50.3	50.9	50.9	50.9	50.9	50.9	50.9	97.9	5.3.9	57.7	r J. 9	5,70	
5 E	7200 L	15.6	49.6	51.2	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	57.4	5,1.4	6.2.4
G.	60 00 1	15.8	49.3	52.1	52 • 7	53.3	53.3	53.3	53.3	53.3	53.3	53.7	43.3	53.3	53.3	5 1. 1	13.5
G.E	57001	16 4	cj.9	55.0	55 • 7	56.5	56.5	56.7	56.8	56.8	56.8	54.R	46.8	55.8	56.8	SF.A	·
G.E.	45001		52.6	55.7	56.3	57.2	57.2	57.4	57.5	57.5	57.5	57.5	57.5	51.5	57.5	51.5	57.5
ų E	4000		55.5	59.6	59.4	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	63.6	60.6	6 . 5	6 6
GE.	35001	18.5	59.2	62.7	63.7	64.7	64.7	64.9	65.1	65.1	65.1	55 - 1	65.1	65.1	65.1	65.1	65.1
61	30 00 I	18.9	67.I	73.7	71.9	73.5	73.6	74.1	74.3	74.3	74.3	74.3	74.3	74. *	74.3	74.3	74.7
SE	25001	20.2	70.7	74.7	75 • 9	77.1	11.9	78.4	78.6	78.6	78.6	79.6	79.6	79.6	18.6	78.6	75.1
6 E	20001		73.6	73.1	79.5	81.3	31.5	82.0	82.2	82.2	P2.2	62.2	92.2	82.2	F2.2	82.2	42.
u.E.	18001		74.0	79.4	79.8	61.7	81.8	82.4	82.5	82.5	A2.5	4 . 5	42.5	92.5	42.5	82.5	P
6.5	15001		77.6	82.5	84.2	86.5	96.6	87.8	88.0	85.0	89.5	H	69.0	88.0	88.0	88.0	99.0
61	12001	22.3	80.0	85.4	R7 • 3	89.7	90.2	91.4	91.8	91.8	91.8	9) . A	41.8	91.8	01.8	91.8	91.8
61	10001	22.3	83.7	85.6	88 - 7	91.1	91.6	92.8	93.3	93.3	23. 1	91.1	93.3	23.3	93.5	93.3	95.5
υĒ		27.3	80.8	85.9	88.9	91.	91.9	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	9 3 . 5
6 E		22.4	91.2	87.3	89.6	92.5	93.3	94.5	95.2	95.2	95.	75.2	75.2	95.2	25.2	45.2	45.,
υĒ		22.4	91.3	87.5	89.7	92.6	93.5	94.9	95.5	95.5	95.5	9	35.5	95.5	95.5	25.5	35,5
() F	P N U	22.4	A1.5	87.7	89·9	92.4	93.7	95.2	95.9	95.9	95.9	15.1	96.1	96.1	96.1	96.1	96.1
GΕ	5001	22.4	81.5	87.7	93.1	93.3	24.2	95.7	96.4	46.4	95.4	96.6	76.6	96.5	96.6	₹6.6	95.0
υE		22.6	F1.8	83.4	93.9	94.5	95.4	97.1	97.8	97.8	77.0	99.1	98.1	48.3	98.3	99.5	99.5
G E		27.6	A2.0	83.5	91.1	94.7	95.5	97.4	98.1	98.1	99.5	99.5	78.5	99.8	98.8	99.1	99.1
SE		22.6	82.0	89.5	91.1	94.7	95.5	97.9	98.5	98.5	98	, 9 . 8	98.8	99.1	39.1	99.5	99.4
GE	1001	22.6	82.U	89.5	91.1	94.7	95 • 5	97.8	98.5	98.5	38.6	ଓଟ୍ଲେମ	98.8	99.1	99.1	99.7	143.6
6.6	0.1	22.6	82.0	89.5	91.1	94.7	95.5	97.8	98.5	98.5	98.6	94.8	9A.8	99.1	99.1	99.7	tea.o

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETETING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ATR WEATHER SERVICEZMAC

PERIOD OF MECORD: 78-85
MONTH: OCT HOURS(LST): 12UC-14gg STATION NUMBER: 743767 STATION NAME: FT DRUM NY VISIBILITY IN STATUTE MILE CETLING 5 E 6 GE GE GE GE GE GE GE 7 1 1/4 6E 74 G f 5 / 8 SE 1/2 6£ 1/4 IN | GE FEET | 10 υE 5E 5/16 - ı Ü 37.3 37.3 57.3 37.3 NO CEIL | 14.0 36.6 35 . b 56 . 6 37.3 \$7.3 37.3 37.3 ar 200001 15.3 41.9 42.4 42.4 42.9 42.9 42.9 42.9 42.9 42.9 42.0 42.9 42.9 42.9 42.9 42.9 42.9 42.9 44.0 18000| 15.3 16000| 15.3 42.9 42.9 42.9 41.9 42.4 42.4 42.9 42.9 42.9 42.9 42.9 42.9 42.9 42.9 42.9 42.9 ЬE 41.9 47.4 42.4 42.9 42.9 44.3 42.9 47.9 47.9 42.9 142601 16.2 44.) 44.3 44.0 44.0 44.3 129001 16.4 44.1 44.1 44.1 44.1 44.1 44.1 44.1 (, F 43.1 43.5 45.5 44.1 44.1 44.1 44.1 44.1 100 GO 1 18.1 45.7 47.9 47.9 48.4 45.4 49.4 48.4 48.4 49.4 48.4 48.4 48.4 46.4 49.1 49.1 49.1 49.1 49.1 49.1 49.1 49.1 49.1 47.1 95601 18.4 47.4 48.6 49.1 49.1 44.6 Andol 18.9 7000 18.7 49.9 53.4 51.6 52.5 51.6 51.6 51.6 51.6 51.6 52.5 51.6 52.5 51.5 52.5 51.6 52.5 · 1 · 6 60001 19.3 51.3 53 ... 53.0 53.5 53.5 53.5 53.5 53.5 53.5 57.0 53.5 53.5 53.5 53.5 53.5 50001 20.3 53.5 54.5 55.7 56.4 56.4 57.6 6£ 55.9 57.1 56.4 56.4 57.6 56.4 57.6 56.4 51.6 56.4 56.4 56.4 56.4 57.6 56.4 57.6 40001 21.5 50001 22.8 50001 25.0 ı, f < 4 . B 61.3 61.5 62.0 62.0 62.0 62.0 62.3 62.0 62.0 62.0 62.3 67.0 67.0 62.9 65 .H 75 .6 u £ 65.9 66.6 1.6 . 6 66.6 66.6 66.6 66.6 66.6 66.6 66.6 66.6 66.5 25 001 26.6 20001 26.7 IF(01 26.9 ~0.9 93.3 24.5 80.9 81.5 84.8 83.9 83.5 90.9 79.4 81.4 62.5 80.7 80.9 83.3 80.9 83.5 85.9 83.5 80.9 80.9 80.9 63.5 19.4 5 F 15 F 75.6 81.9 83.1 8 1. 3 84. C 83.5 84.8 83.5 93.5 A 1.4 78.7 B4.8 84.8 94.8 84.9 34.7 84.8 84.8 84.B u € 92.3 49.4 92.3 R9.9 48.9 91.5 89.9 99.9 92.3 92.8 92.3 11001 27.3 9001 27.3 9501 27.3 93.0 93.9 94.2 94.2 94.4 G f 45. . . 97.1 91.0 94.4 94.4 94.4 94.4 94.4 94.4 95. 91.3 91.1 95.7 93.7 94.0 94.4 95.7 94.5 94.5 94.5 94.5 94.5 94.5 94.5 1,5 94.4 ti-F 95.6 95.6 41.3 95.7 95.7 96.1 22.2 96.1 96.1 96.1 96.1 96.1 6001 21.5 91, 3 91.3 92.5 94.5 94. 7 96.1 96.4 96.4 96.8 96.0 96.8 96.8 96.8 96.9 96.8 FURT 27.3 85.9 91.5 93.2 95.4 91.4 47.4 97.8 97.8 97.8 97.9 \$1.A 97.A 97.9 4001 27.3 85.9 85.9 6 E 91.8 91.5 93.9 96.3 96.4 96.4 98.0 98.0 98.5 98.5 98.5 98.6 19.1 98.8 99.1 99.9 99.5 98.9 98.8 98.8 95.9 91.8 96.3 99.0 98.5 98.5 97.1 99.1 99.5 99.5 is F 2001 27.3 93.9 76.4 99.1 99.5 99.7 1101 27.3 10.1 44, 9 91.0 91.9 26.3 96.4 98.0 98.5 98.5 69.1 79.1 99.5 99.5 9.8 54 99.1 1,5 01 27.3 44.4 91.4 93.9 45.3 98.0 98.5 19.1 99.1 99.5 99.5 99.5 100.0 96.4 98.5

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CHILING VERSION VISIBILITY FROM HOUSLY OBSERVATIONS.

10-71-0 : F PECORD: 78-86 - MONTH: OCT HOURS(LST): 1500-1700 STATION NUMBER: 743700 STATION NAME: FT DRUM 4Y VISIBILITY IN STATUTE MILLS GE 65 OF 51 OF 51 2 1 1/2 1 1/4 1 7/4 CEILING IN | GE FEET | 10 GE GE GE 4 < 2 1/2 GE 3E 172 1/4 42.8 NO CEIL | 20.0 41.2 41.9 42.3 42.3 42.3 42.3 42.3 42.5 42.1 42.3 42.3 42.3 4 2 3 49.8 49.9 49.0 48.8 49.8 44.9 44.8 48.8 48.8 6E 200001 21.2 47.7 48.5 48.8 48.8 48.8 48.8 48.8 GE 160001 21.2 48.5 48.8 48.8 48.8 48.9 44.5 48.8 48.3 48.8 45.8 45.8 47.7 48.5 48.8 48.0 48.A 49.8 4E.5 14000| 21.9 48.5 49.6 50.3 47.6 49.6 49.2 49.6 40.6 49.6 49.6 49.6 49.6 49.6 49.6 49.6 49.6 50.0 GE 100001 23.8 53.5 53.5 53.5 53.5 13.5 98.6 53.5 53.5 53.5 51.5 53.5 51.2 53.1 53.5 53.5 54 · 2 56 · 9 59 · 2 9000 | 24.2 8000 | 25.0 51.9 54.6 53.8 55.5 54.2 56.9 54.2 54 · 2 56 · 9 54.2 56.9 54.2 54.2 54.2 54.9 54.? 56.9 54.2 56.9 70001 25.4 56.9 59.2 59.2 59.2 59.2 59.2 19.2 59.2 59.2 59.2 59.2 59.2 59.2 6 E 59.6 59.5 67001 25.8 57.3 59.2 59.6 59.5 59.6 59.6 59.6 59.6 57.6 59.6 59.6 50001 27.7 45001 28.5 47001 30.4 63.5 63.5 63.4 57.5 63.5 1.5 61.2 63.1 63.5 63.5 63.5 63.5 63.5 63.5 63.5 63.5 62.3 64.5 64.6 64.6 70.8 64.5 64.6 70.4 64.6 64.6 64.6 64.6 64.6 64.6 64.6 64.2 79.4 79.8 75.8 73.8 GE 70.0 70.4 70 - 4 70 - 4 70.8 70.8 70.8 75.8 72.7 75.0 75.A G E 35001 33.1 75.4 75.4 75.4 15.4 75 . 8 75.4 75.4 83.5 31.8 8 t.g 30001 35.4 25001 35.8 27001 35.8 88.1 90.4 87.7 85.8 90.0 99.4 G.E. 89.9 89.2 89.6 89.5 90.0 90.0 90.4 93.4 90.4 9(1.4 93.4 92.7 90.4 18pm] 35.8 1500[35.8 95.8 95.5 89.8 89.5 89.6 90.0 90.0 90.D 92.3 90.4 93.4 90.4 90.4 υE 92.7 93.8 f. F 91.4 93.8 91.2 91. 2 93.8 12001 35.4 : 1 E 95.0 95.8 96.9 96.9 95.4 96.2 97.3 10001 35.8 97.7 87.7 91.9 92.3 93.1 95.4 95.4 96.2 95.4 o £ 93.1 94.6 95.0 95.4 95.4 93.5 υf 900| 35.8 800| 35.8 93.B 95.4 95.8 96.2 96.2 96.2 96.2 96.2 93.8 97.7 93.5 97.3 G.E. 93.1 94.6 96.5 96.9 97.3 7001 35.8 97.3 υE 6UP | 35.8 R7.7 93.1 93.5 74.6 96.5 96.9 96.9 97.3 97.3 5001 35.8 4801 35.8 *001 35.8 94.2 94.6 94.6 98.5 98.8 98.8 98 • 6 99 • 2 99 • 2 98.9 99.6 99.5 98.9 99.6 99.6 93.9 94.7 75.4 95.8 95.8 97.7 98.1 98.5 98.8 99.8 99.6 98.1 98.8 99.6 98.8 94.2 95.3 99.6 99.6 G E 99.6 2001 35.8 1001 35.8 94.2 94.6 98.1 98 • 8 98 • 8 99 2 99.6 99.6 97.6 GF 8.88 8.88 95. 95. R 98. R 99.6 99.6 79.4

GLOPAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION N	U™¤ER:	743703	51 A 1 1	ON NAME.	: F	RUM 17					001030 HTM0#		₽D: 79-86 HOURS(LST):		Att	
.,,.,													• • • • • • •			• • • • • • •
CFILING								BILITY						., E	4.6	۸. ٤
IN 1 FEET 1	GE .	6 E	5 F 5	6E 4	6E 1	61 2 1/2	G E	G5 1 1/2	6E 1 1/4	6 E	5.1 3/4	St 7/8	51 172	716	1/4	1.3
FEET		6			```			1 1/2	1 1/4			1/4				
														• • • • • • • • • • • • • • • • • • • •		
NO CETE	14.3	16.2	37.2	37.7	39.4	30.4	38.5	38.6	18.6	19.7	54.7	19.4	14.4	5H . B	54.9	19.00
6E 200001		43.4	41.5	42.3	42.9	43.0	43.0	43.2	43.2	4 3 4	4 7 4 3	43.4	41.4	43.5	• • 6	43.7
GE 18000		47.4	41.6	42.3	47.4	43. 0	4 7 . 0	43.2	43.2	4 7 . 1	4 5 4 7	45.4	45.4	43.5	47.6	9 ! + !
66 160001		40.4	41.6	42.3	42.7 43.4	43.3 43.4	43.0	43.2 43.1	43.2	43.5 45.H	47,2 43,6	43.4	43.4 43.4	43.5	41.5	44.1
GE 140001		4 D • 9	42.1 42.4	42.7 43.0	43.4		41.9	43.9	43.9	44.1	44 - 1	44	44.7	44.3	44.3	44.4
GE 120001	15.7	41.1	47.4	43.0	43.7	43. 7	4	43.4	43.4	44.1	4.4.1	14	44.	44.	44.	
6E 100001	14.4	41.9	45.7	46.4	47.1	47.1	47.2	47.4	47.4	47.6	41.6	41.1	47.7	47.3	47.8	47.7
GE 90001		44.9	45.5	47.3	49.	46.3	48.2	48.3	48	49.5	3 6	49.6	49.6	40.1	4 - 9	44.9
GE 80001		47.7	49.7	50.4	51.1	51.2	51.3	51.5	51.5	51.6	51.6	6.1 • 7	51.7	F1.8	51.9	N. 2
GE 70001	•	48.8	51.0	51.7	52.5	52.7	52.8	52.9	52.9	53.1	51.1	53.3	53.5		5, 8, 5	3
9E 60001		49.5	51.8	52.5	53.4	53.5	51.6	53.7	53.7	54.0	5.4	54.1	54.1	59.2	54.3	54.4
						•										
6E 50001	18.6	52.3	551	55.9	56.9	56.9	57.2	57.4	57.4	57.6	57.1	5.7.7	57.4	57.9	54.0	59.1
6E 45001	18.9	53.1	55 . Ĵ	56.8	57.9	58.0	58.2	58.5	58.5	58.7	9 . 7	13.6	59.4	50.9	59.0	(9.1
6E 40001	19.8	56.8	53.9	6 J • B	61.4	62.0	62.2	62.6	62.6	62.8	6.7 • P	62.9	63.0	53.1	67.2	63.3
6E 35001	21.0	61.3	63.7	64.7	66.1	66.2	66.4	66.7	66.7	67.0	67.	57.1	51.2	67.3	67.3	47.4
GE 3000 (22.2	68.C	71.9	73.3	74 . H	75. J	75.4	75.8	75.8	76.1	76.1	76.2	76.2	76.3	76.4	76.5
6E 25001		71.6	15.1	77.2	79.~	79.3	19.7	80.1	50.1	931.4	97.4	90.5	83.6	Rú.7	80.7	16.45
9E 30001		74.4	79.8	93.4	82.4	92.6	83.2	83.6	9 7 - 6	93.4	8 1.9	84.O	84.1 84.7	84.2 84.8	84.2 84.9	44.3 44.9
er 1800	_	74.9	79.3	80.9	87.9	43.2	8.18	84.2	84+2	A4.5	84.5	84.6	-			
UE 15001		77.7	82.I	84.5	86.4	87.1	84.3	8 - 6 8	88 • B	49.1	Ho.1	89.2	89.7	89.4	97.4	99.5
GE 12001	24,4	19.6	84.9	86.8	89.7	86. 1	91.0	91.5	91.5	91.8	91.4	91.9	92.0	92.1	92.1	92.3
6E 10601	2 tr. tr	90.1	85.9	87.9	90.5	91.0	92.4	93.1	93.1	95.4	97.4	93.6	93.6	93.7	93.9	01.9
	24 4	83.2	85.1	94.2	90.4	91.3	92.7	93.4	93.4	93.8	3 1 3	93.9	93.9	94.]	94.1	94.2
	20.5	93.3	85.5	RB . 7	91.5	92.2	93.0	94.6	94.6	95.1	15.1	75.2	95.2	95.3	95.4	95.5
	24.5	A3.4	85.7	яв.9	91.4	92.4	94.1	94.9	44.9	95.1	25.3	95.4	95.5	95.6	95.7	95.E
	24.5	93.6	85.9	89.2	92.1	32.8	94.6	95.4	95.4	95.9	95.9	96 0	96 - 1	96.2	96.3	35.4
											•	- 0	, , , - •	*		Ť
	24.5	n J • 9	87.2	89.6	92.6	93.3	95.3	96.1	96.1	95.5	95.7	96.8	96.9	97.3	97.1	91.3
9E 4001	24.5	91.O	81.5	93.1	93.5	94.2	96.2	97.1	97.1	97.7	97.8	97.9	98.2	98.3	48.4	99.6
6E 3001	24.5	51.1	87.6	911 - 2	93.6	74.3	96.4	97.3	97.3	98.2	99.1	98.4	98.9	98.9	99.1	99.3
	24.5	51 - 1	81.5	93.2	93.6	74.3	96.5	97.5	97.5	99.3	94,4	98.5	99.0	99.1	99.2	99.6
G€ 100 }	24.5	H1 • 1	87.5	93.2	93.1	14.3	96.5	97.5	47.5	98.3	₹P.4	98.5	93.0	99.1	99.3	44.4
GF D	24.5	81.1	81.6	93.2	43.6	24.3	96.5	91.5	97.5	79.3	98.4	98.5	99.N	99.1	99.3	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 743760 STATION NAME: FT DRUM NY PERIOD OF RECORD: 78-86 VISIBILITY IN STATUTE MILES CEILING \$ E 1 GE GE 3 2 1/2 IN 1 GE FEET 1 10 G F 6 3€ S GE GE GE 2 1 1/4 G.F 3/4 1/2 5/16 NO CETE | 7.2 24.0 25.3 25.3 25.3 25.8 25.8 25.8 25.8 25.8 25.8 25.8 25.8 25 - 8 25.8 26.2 6E 260001 28.5 28.5 28.5 28.5 28.5 79. 29.5 28.5 24.5 8.6 26.1 26.1 29 • 1 23 • 1 28 • 1 28 • 1 28.1 28.1 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5 29.0 29.0 GE 180001 GE 160001 29.0 29.5 28.5 28.5 24.5 SE 140001 8.6 26.7 24 - 1 29.1 28 - 1 28. 5 28.5 28.5 28.5 28.5 29.4 29.4 29.4 29.9 66 120001 29.0 29.4 29.4 8.5 27.6 29.3 29.0 29.4 29.4 SE 100001 9.6 31.7 33.5 33.0 33.0 33.5 33.5 33.5 33.5 33.5 35.5 33.5 33.5 33.5 33.5 33.7 34.8 39.8 42.5 G.F 90001 9.0 33.0 34.4 37.4 34.4 34.4 34.8 39.8 34.8 34.8 34.8 34.8 39.8 34.8 34.8 39.8 14.9 19.8 34.9 15.3 39.8 9.0 80001 ω£ 36 . 7 42.5 42.5 10001 42.5 42.5 43.0 6000 L 9.0 19.8 43.3 43.4 43.4 43.9 43.9 43.9 43.9 43.9 43.9 43.9 43.9 43.9 44.3 45 · 6 47 · 9 47.1 50.2 47.5 50.7 47.5 50.7 47.5 50.7 47.5 50.7 47.4 47.5 47.5 53.7 47.5 50.7 41.5 50.7 47.5 50.7 G.F 50001 10.4 45.4 47.1 45001 11.8 50.7 46.2 50.2 50.1 5E 4700| 13.6 3500| 14.9 55 + 2 59 + 8 56 · 1 57.0 57.0 57.3 63.6 57.3 60.6 57.0 63.6 57.0 60.6 51.1 56.6 57.0 57.0 57.0 57.3 57.4 3500| 14.9 3000| 15.8 63.6 61.1 60.6 63.5 4.4 . 3 60.6 66.1 66.1 59.3 65.6 66.1 66.1 56.1 66.1 70 • 1 76 • 5 71.5 79.3 78.3 71.5 78.3 62.4 69.2 71.3 77.8 71.5 78.3 71.5 79.3 71.5 79.3 71.9 78.7 Ģ£ ⊍Ē 25001 16.3 20001 16.3 63 • 3 71 • 9 71.5 78.3 71.5 78.3 71.5 78.3 71.5 78.3 1800 | 16.3 64.3 71.9 73.8 77.8 78.3 78.3 78.3 79.3 7 R . 3 79.3 78.3 18.3 78.7 1509| 16.3 66.1 65.5 79.3 56.5 8],9 81.0 81.0 82.8 81.0 P1.4 83.7 81.4 80.1 82.8 85.5 86.9 88.2 85.5 86.9 89.2 86.4 87.8 89.1 10001 16.7 83.7 95.1 85.5 85.4 87.8 86.4 87.8 (, F (, E 77.4 78.7 85.4 87.8 81.8 86.4 66.9 900 | 16.7 500 | 16.7 68.3 75 . 5 82.4 86.9 79.2 53.1 39.1 89.1 87.1 89.1 89.1 ı, E 64.8 75 . 9 A6. 0 R9.6 730 | 16.7 600 | 16.7 79.5 8J.5 91.4 91.4 G E 69.2 66.4 88.2 89.1 90.0 90.5 92.3 92.8 93.3 5001 15.7 95.1 95.9 96.4 69.7 73.3 81.0 86.5 48.2 90.5 91.4 91.9 91.7 94.1 94.1 94.6 75.5 95.9 95.0 95.5 95.9 92.8 95.9 96.4 98.2 99.1 99.5 4001 16.7 69.7 93.2 97.7 6 E 74 · 3 79 · 7 81.J 81.4 86.7 89.6 90.0 91.9 97.3 2001 16.7 95.5 95.9 75.9 96.8 98.6 i, [79.7 93.2 93.7 69.7 81.4 87.3 90.3 92.3 97.3 99.5 1001 16.7 69.7 79.7 45.9 98.6 93.2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SFRVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEHICLS VINIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: ET DRUM NY

STA	TION N	UMAED:	743700	STATI	ON NAME	: FT D	RUM NY						or rec				_
												HONTE	-	_	(LST):		
	LING	• • • • •	• • • • • • •	• • • • • •	•••••				RILITY				• • • • • •			• • • • • • •	• • • • • • • •
		6E	6.5	3 €	SΕ	GE	61	GE	GS	Ğ E.	GE	SE	5 E	3 E	6.F	54	ξ.Ε
	ET I	-	b	5	4	5	2 1/2		1 1/2		ì	3/4	5/8	1/2	c/16	1/4	*:
• • •	••••	• • • • •	• • • • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • • •	•••••		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • •
NO	1130	8.5	26.2	26.2	26.6	26.5	26.6	26.6	26.6	26.6	26.6	25.8	26.0	26.8	26.8	.16.B	26.0
	200001		30.0	33.4	31.8	30.9	3u. 8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.0	31.0	41.3
	180301	3.3	₹D • D	33 • 4	33.3	30.9	30 • 8	30.8	30.8	30 • R	10.8	31.0	31.0	31.7	31.0	31.3	1 •
	160001	9.3	30.0	37 . 4	30.8	311 • 9	50 • g	30.8	30.8	30.8	30.8	31.0	31.C	31.0	31.0	31.0	11.0
	14000 l 12000 l	9.3	30.C 30.D	30.4 37.4	30.8 33.8	30.8 30.9	30.8 30.8	30.8 30.8	30.8 30.8	30.8 30.8	30.8 33.8	31.0 31.0	31.0 31.0	31.0 31.0	31.J 31.J	31.0	11. 11.
_				•		_						J					
GF	100001	9.3	32.0	32.5	33 • U	33.7	33. O	33.0	33.0	33.0	73.€	3 7 . 2	₹3.2	33.2	33.2	33.7	13.2
υE	90001	9.3	32	32.8	33 • 2	33+2	33.2	33.2	33.2	33.2	33.2	33.6	33.4	33.4	33.4	3 7 . 4	13.4
GE GE	8000 7000	9.7	36.U 37.8	37.0 39.0	37.9 40.0	38 • ° 4 0 • 2	38.0	38.3 40.2	3 a • D	38.0	38.0 40.2	38.2	38 40 . 4	38.2 40.4	38 + 2 40 - 4	36.2 40.4	24.2 40.4
6 E	60001	9.7	38.6	39.9	40.8	41.7	40.2 41.0	41.0	40.2 41.0	40.2 41.0	41.5	41.2	41.2	41.2	41.2	41.2	41.2
													. 1 • 2	7			
GΕ	50001	10.1	41.0	42 + 3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	4 4 , 7	43.7	43.7	43.7	47.7	43.7
5.5	45001		43.5	44.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	46 • 1	46.1	46.1	46.1	46 • 1	4 5 - 1
GE GE	4000 l		48.7 53.7	50.3 55.7	51.5 57.3	51.9 57.7	51.9 57.7	51.9 57.7	51.9	51.9 57.7	51.9 57.7	52.1	52.1	52.1 57.9	52.1 57.9	52.1 57.9	52+1 57+7
ti F	3 non 1		58 • 1	62.2	64.3	64.6	64.6	64.6	57.7 64.6	64.6	64.6	57.9 64.8	57.9 54.8	54.8	64.8	6,4.8	54.5
***	3(:00)	. ,	70 • •	01.0	0115	04.0	04.0	04.0	04.0	04.0	.,	04	34.0	04.7	04.0	f, 4 . H	94.0
6. F	2* 3# 4	1 . 3	60.8	65.2	67.2	67.8	67.8	68.0	68.0	68.0	0.69	68.2	68.2	68.2	68.2	69.2	55.0
i, t	5000 [62.8	69.4	71.0	72.4	12.4	12.8	73.0	73.0	73.C	73.2	73.2	73.2	73.2	75.2	7 * - 2
6 F	19001		63.4	69.3	71.6	73.2	73.2	73.6	73.8	73.8	73.8	74.0	74.0	14.0	74.0	74.0	74 • ()
6 E	1:00 1:30		67.4 69.0	73 - 6 75 - 9	76 • 7 78 • 9	79.7 80.9	78.7 81.1	79.1 81.5	79.5 81.9	79.5 81.9	79.5 91.9	79.7 52.1	79.7 82.1	79.7 82.1	79 • 7 82 • 1	19.7	79.7
	17 35 1		07.0	13.9	73.7	0111	21.1	9119	01.4	01.4	71.7	25.41	72.1	07.1	72.1	87 - 1	a 1
() ₹	15001	15.7	69.2	15.7	79.7	81.7	82.3	83.1	93.7	83.9	94.3	84.5	94.5	84.5	84.5	64.5	H4.5
GF	3001	15.7	1.9.4	77.1	8J.1	82.5	82.9	83.7	84.3	84.5	A4.9	45.1	85.1	85.1	95.1	85 - 1	85 • 1
υE		15.7	70.4	79 - 1	81 - 1	83.7	44.3	85.3	85.9	86.1	A6 - 7	86.9	96.9	86.9	96.9	86.9	96.4
G E		15.7	70.4 70.4	79 • 1 79 • 3	81.1 81.3	83.9 84.7	84.7 85.5	85.7 86.5	86.5 87.3	86.7 87.5	97.3 88.1	87.5 49.7	87.5 88.7	87.5 89.1	97.5 88.7	67.5 89.7	h7.5
O t	05.1	1 ,	7.7.4	17.5	71.5	44.1	434.3	00.3	61.3	61.3	70.1	77.1	75.1	00.1	~ 0 • 1	07.1	96.7
4 , f	5 601	15.7	71.0	79.9	82.1	86.4	98.9	90.3	91.3	¥1.5	92.2	33.0	93.0	93.8	93.8	94.2	94.2
J F		15.7	71.2	79.5	82.9	87.7	89.9	91.3	92.8	93.0	93.6	74.4	94.4	95.2	95.2	45.8	95.4
ωE		15.7	71.6	79.9	A3.5	88.5	90.5	92.2	94.D	94.2	95.0	34.4	96.4	97.2	97.6	38.4	96.8
(E		15.7	71.6	77.9	R3.5	89.5	90.7	92.6	94.4	94.6	95.6	97.2	97.7	98.0	98.4	99.2	99.6
G.f.	1001	15.7	71.6	74.9	83.5	A A . 5	a(1• 1	92.6	94.4	94.6	95.6	97.2	97.4	98.2	98.5	99.4	100.6
(, F	0.1	1 . 7	71.6	19.9	83.5	89.5	90.7	92.6	94.4	94.6	95.06	97.2	97.4	98.2	98.6	99.4	110.0

GLUCAL CLIMATOLOGY BRANCHUSAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CITAINS VERNET VISIBILITY FROM HOURLY OBSERVATION!

AIR WEATHER SERVICE/MAC

STATION NUMBER: 743700 STATION NAME: FT DRUM NY FEBING OF RECORD: 75-86 MONTH: NOV HOURS (LST): 12J7=1400 CETLING. VISIRILITY IN STATUTE MILES IN 1 GE FEET 1 10 GE GE GE GE GE C 6t 35 172 1716 1/4 NO CETE 1 8.5 25 - 1 25 - 1 25.1 ¿°• 1 25.1 25.1 35.1 25.1 25.1 GE 200001 10.3 77.1 30.1 30.1 3" • 1 5" • 1 3" • 1 3" • 9 57.1 33.1 *(1 - 1 *) - 1 1.0 30.1 30.1 73.1 73.1 tr. 1 30-1 50.1 10.1 33.1 GE 18000 | 10.3 29.5 33.1 30.1 10.1 30.1 30.1 30.1 33.1 30.1 57.1 66 16000 10.3 68 14000 10.3 39.5 30.1 30.9 3 n . 1 3 n . 9 33.1 30 - 1 30 - 1 30.1 30.1 30.1 10.1 30 • 1 31 • 9 33.7 33.9 20.0 30.9 30.9 30.9 30.9 3:1.9 31.9 9.07 incoul fors 35 • 2 35 • 6 35.2 35.8 35.2 35.8 ic. 4 35.2 35.9 39.8 GE GE 34.5 35.2 35.2 35.4 15.2 15.8 92091 10.7 55.8 35.8 15.8 19.8 15.0 35 . 8 35.8 35.0 80001 11.7 7001 11.9 *H.B 39.8 39.8 39.9 19.8 39.8 39.8 39.6 30.0 tq.8 10.R 79.B 41.4 41.4 41.4 41.4 41.4 41.4 41.4 41.4 41.4 41.4 41.4 41.4 41.4 60001 17:1 41.8 41.8 41.4 50601 17.5 45501 13.9 44.7 44.7 45.0 51.3 44.2 45.9 51.3 44.3 45.4 61.6 44.2 45.9 44.2 44.7 45.9 44.2 44.7 45.9 44 . .: 44.2 44.4 45.9 G.E. 45.9 45.5 51.3 45.9 51.3 42001 14.1 51.3 51.3 51.3 91.3 51.3 55.8 67.0 51.3 51.3 51.3 3500 | 16.8 55.8 57.7 55.8 r, r, . 8 55.8 15.0 55.8 62.0 55.8 62.3 62.3 2560| 19.2 2500| 19.8 1509| 20.8 69.3 68.3 73.3 68.3 50 . 1 73 . 3 74 . 7 68.3 73.3 G E 63.2 67.1 69.3 68.3 69.3 68.3 68.3 73.3 69.3 64.3 73.5 65.5 67.7 71 · 1 72 · 5 72.5 73.9 73.1 73.3 13.5 74.7 ωE 73.1 74.5 74.7 74.7 74.7 14.7 74.1 14.7 79.4 81.6 81.6 84.7 91.6 84.0 61.6 g4.0 H1.5 86.2 82.4 81.2 81.6 81.6 84.J 19001 21.2 6 E 74.5 79.5 61.6 82.5 93.6 85.1 85.5 85.5 85.7 8 ° . 7 85.9 95.9 65.9 45.9 930 | 21.2 800 | 21.2 700 | 21.2 83.8 82.4 82.8 74.9 76.2 82.6 84.2 83.6 84.6 86.7 86.5 88.9 86.5 89.9 86.7 89.1 96.7 86.7 69.1 86.9 u f 86.1 88.1 86.9 89.3 86.9 49.3 БЕ.У БУ.З 90.1 91.1 üΕ 84.5 5.4 86.3 47.5 88.9 89.9 H9.9 27.1 90.1 43.3 93.3 90.3 43.3 6001 21.2 90.9 48.5 90.9 91.1 91.3 91.3 91.1 91.3 91.3 1001 21.3 91.1 89.7 93,3 93.9 91.9 93.4 91.9 93.9 6 E 6 E 4001 21.2 7001 21.2 71.6 71.2 84.2 86.3 86.5 88.5 88.7 39.9 91.3 92.7 93.7 93.7 96.4 94.1 95.6 95.8 98.2 94.3 95.4 97.8 95.6 98.0 95.H 98.2 96 + 8 98 - D 6 F 2001 21.2 11.2 44.4 86 . 7 89.1 90.7 94.3 96.0 96.0 97.4 98.11 99.U 99.2 49.4

TOTAL NUMBER OF ORSERVATIONS: 47

84.4

77.2 84.4

96 • 7

96 . 7 89 . i

69.1

40.9

96.9

94.5

96.4

34.5 96.4 96.4

96.4

97.4

97.8

90.4

98.4

98.4

98.4 99.6

99.6

9.8

100.0

99.8 180.0 100.8

100.0

€,

1001 21.2

nt 21.2

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SSRVICEZMAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

			143767									MANTE	. NOV		CCST1:	1530-17	
	LING	• • • • • •	• • • • • • •		••••••	• • • • • •	• • • • • • •		BILITY					• • • • • • •		• • • • • • •	• • • • • • • •
F	(Å	SE 16	5F 6	3 E 5	ύ£ 4		2 1/2	G E 2	65 1 1/2	6£ 1 174	6 F 1	S La S Va	G1 578	5E 172	6E 5/16	5.E 174	ا ف دا
• • •	• • • • • •	• • • • • •	• • • • • •		•••••		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •
1.0	CEIL I	12.0	.7.A	29.9	28.9	28.4	,18, 9	29.2	29.2	29.2	29.2	23.3	79.2	29.2	29.2	29.2	29.2
13 5	200001	14.0	15.8	37	17.0	37.J	37.3	31.2	37.2	37.2	17.2	31.	37.2	37.2	37.2	27.2	37.2
11.5	ighoni	14.0	15.A	37.0	37.3	37.	37.0	37.2	37.2	37.2	37.2	57.0	37.2	37.2	31.2	37.2	37.3
o 5.	160001	14.3	₹5 • 8	37.6	37.3	37.5	37.0	37.2	37.2	37.2	37	37.2	31.2	37 . 2	37.2	37.2	37+2
	197071		75.1	37.2	37.2	37.	17.2	37.5	37.5	37.5	37.5	57.5	37.5	37.5	37.5	57.5	37.5
σ£	12~00l	14.3	35.7	37.8	37.8	37.8	57.8	39 · 1	38.1	5 A . 1	39.1	ξa . 1	39.1	59 - 1	₹4.1	36.1	₹₽•[
u E	100001	14.6	39.5	43.7	43.7	40.7	41.7	41.0	41.0	41.0	41.0	41.0	41.U	41.0	41.3	41.7	41.1
₩.F	90.001	14.6	43.4	41.5	41-5	41.5	41.5	41.8	41.8	41.8	41.8	41.6	41.8	41.8	41.8	41.9	41.8
L F	8°00	15.5	42.4	43.6	43.6	43.5	43.6	43.8	43.8	43.4	43.4	4 4 * 5	43.8	43.9	43.9	4 . 9	45.8
t.f	70 CO	15. R	44.4	45.6	45.6	45.6	40.0	45.9	45. A	45.5	45,4	ч5. П	45 . F	45.8	45.8	45.9	45
; F	eccc1	16.3	45.3	45.1	45 - 1	46.4	46.4	46.7	46.7	46.7	46.7	45.7	46.7	46.7	46.7	46.7	45.7
U.F	50001	19.3	47.9	49.0	49.0	47.3	49.3	49.9	47.9	49.9	49.7	49.9	49.9	49.9	49.9	49.9	44.9
7, 5	45.00 [18.6	45.1	47.3	49.3	49.4	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
υſ	40001	18.6	50.7	51.7	51.7	52.1	52 - 1	57.7	52.7	52.1	52.1	47.7	52.7	52.7	52.7	57.7	52.1
t, f	3500	19.5	53.6	54.7	55 - 3	5,5,0	55.3	55.9	55.9	45.4	55.9	56.7	55.9	55.9	55.9	95.9	55.7
i. F	3000 L	27.1	63.0	64.2	65 - 3	6° •)	65.9	66.5	66.8	66.8	65.8	64 · P	45 • 8	66 • 8	66.8	66.9	65.5
ı. E	25001	24.0	67.3	69.8	69.9	70.9	71.1	71.9	12.2	17.2	12.2	12.2	12.2	12.2	12.2	12.2	12
o f	1000	25.4	69.6	71 - 3	72.5	73.6	74.1	76.8	77.4	77.4	71.7	11.7	11.7	17.1	77.7	17.7	11.1
11 6	18 90 1	25.8	69.6	71.3	72.5	73.6	75.1	76.8	77.4	17.4	77.7	77.1	71.1	77.7	77.7	77.7	11.1
٠, ۶	1,001		73.9	75.5	77.4	78 • h	⇒€.2	F1.9	92.5	87.45	P 7 . P	67.9	92.8	82.9	82.8	87.9	B 2 . A
., *	14001	54.6	74.8	77.1	74.5	79.9	31.4	83.7	R4 . 2	94.2	A4.5	54.5	44.5	84.5	94.5	54.5	94.5
to f	10001	24.6	75.1	77.4	78.9	81.4	44.8	85.1	85.7	85.7	95.5	at . 5	95.5	85.5	R6.5	35.5	86.5
118		26.6	75.2	73.5	79.9	82.5	H4 . 2	86.5	87.1	07.1	P9.(99.0	44.0	88.0	99.0	48.J	55.0
r, E	9001	26.6	16.5	73.5	83.2	H 5.4	45.1	81.4	89.5	89.5	89.4	39.4	R7.4	80.4	89.4	F0.4	p 9 . 4
a F	7601	26+€	76.5	79.5	83.2	9 2 4	**• 1	87.4	68.3	68.5	A9. 4	40.7	89.7	89.7	99.7	57.7	89.7
٠, ۶	6301	26,6	76.8	79.1	93.5	я ц " 🗀	45.7	89.5	89.4	B9.7	93.5	90.4	91.1	91.1	01.1	91-1	91.1
1,1	5001	24.6	11.4	77.7	31.4	85.1	86.8	90.1	91.7	92.0	92.8	95.1	93.4	91.4	73.4	45.7	91.7
, r	4) [] [26.6	77.4	79.1	81.7	86	48.5	97.6	94.0	94.3	95.1	94.0	96.3	96.6	96.6	76.8	96.8
'. ŧ	300 L	26.6	77.9	81.7	92.5	87.1	49.1	91.7	95.4	95.7	91.1	99.7	79.3	98.5	48.6	99.1	99.1
GF.		26.6	77.9	83.2	92.5	87.1	99.7	91.7	95.4	95.7	27.7	48.0	93.3	99,6	98.6	99.1	99.1
(,)	1 00 l	65 + h	78.2	81.5	82 + 9	H 7 . 4	90.3	94.7	95.7	≠6 • ()	99.0	79.7	9.6	99.1	99.4	100.0	100.0
ωŁ	0.1	26.6	18.2	8.) .5	42.4	97.4	9()	94.0	25.1	96.0	99.::	3 A . 1	98.6	99.1	99.4	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS: 344

SLOGAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 743700 STATION NAME: FT DRUM NY PERIOD OF RECORD: 78-86
MONTE: NOV HOURS(LST): CEILING VISIBILITY IN STATUTE MILES

IN 1 TE GE 5E GE GE GE GE GE GE GE
FECT 1 10 5 5 4 5 2 1/2 2 1 1/2 1 1/4 1 5/4 CELLING VISIR

1N | SE GE SE GE GE GE GE FEET | 10 5 5 4 5 2 1/2 2 GF 116 CF 1/2 1/16 1 1/4 1 3/4 5/8 1/2 5/16 1/4 26.6 40 CEIL 4 9.1 26.5 26.6 25.7 25.3 26 . 4 26.0 31.4 31 7 31.7 31.8 31.8 31.8 11.8 31.8 51.-6E 200001 10.6 33.7 31.6 31.5 31.1 31.6 31.7 31.7 .E 18380| 10.6 13.7 31 - 4 31.6 31.7 31.7 31.7 31.8 31.8 31.8 31.8 31.5 11.5 31.9 37.1 31.8 32.1 32.4 11.6 12.1 5f 160001 10.6 uf 140001 10.6 30.7 31.6 31.6 31.6 31.9 31.7 32.0 31.8 31.8 31.4 51.7 31.7 32.0 31.7 32.0 31.8 32.0 of 12mon4 10.6 31.3 32.2 32.2 32.3 12.3 32.3 32.3 32.3 32.4 12.4 10000 | 10.7 34.4 35.3 35.9 35.4 36.0 35.4 36.3 35.5 36.2 35.5 36.7 35.5 35.6 36.2 35.6 36.2 35.6 35.2 15.6 36.2 \$4.6 36.2 55 - 7 55 - 3 35.5 35.5 36.1 36.2 5, 6 8000| 11.5 7000| 11.7 38.4 37.7 39.9 40.0 40.1 40.1 40.1 40.1 40.1 47.2 40.2 43.2 43.2 40.2 45.3 40.2 41.6 42.1 42.8 42.2 42.3 σŧ 42.0 42.1 42.2 42.2 40.9 43.0 50001 12.7 45.001 13.6 47001 14.5 45.8 47.6 45.4 45.7 45.7 45.7 45.8 47.6 52.7 45.5 45.5 45.6 47.4 45.7 45.2 45.8 51.7 41.6 52.1 47.6 57.7 97-6 52.4 52.6 52.6 52.6 52.6 52.7 52.7 52.2 52.5 57.2 57. U 64. 3 57.1 64.5 57.1 64.5 57.? 54.5 64.5 57.2 57.1 57.1 57. 61.3 67.3 68.4 69.0 69.1 69.5 69.5 69.5 69.5 59.1 69.6 69.6 69.6 63 . .9.7 15.9 1 19.3 74.8 75.5 75.7 73.3 73.8 13.8 74.5 74.6 75.3 74.8 75.5 74.9 75.6 75.0 75.7 75.0 75.7 75.0 75.7 75.0 75.7 75.U 75.7 73.3 71.5 72.4 81.2 1 17.9 71.1 77.3 79.7 77.8 80.7 81.0 61.0 P1.2 31.2 81.2 P1.2 81.2 81.5 71.4 15.7 79.0 80.7 31.7 82.8 83.2 83.2 A 3 . 4 8 5 . 5 A 3 - 5 83.5 93.5 71.9 77.6 77.8 81.3 83.0 84.5 85.0 85.0 85.5 85.6 85.6 85.7 25.7 85.7 65.7 84.1 85.5 85.9 : ... 77.49 73.5 AJ. 7 Al. 5 82.9 85.5 87.0 86.0 86.0 R6 . 6 86.6 88.5 86.6 88.7 36.7 86.7 98.5 86.7 87.7 88.3 87.8 88.5 89.4 33.4 81.8 84.5 87.5 89.2 99.4 89.4 35.5 89.4 89.4 90.5 89.3 9ე.7 4...7 * . 1 * . . . * . . . F } • 42 93.1 88.6 90.8 91.9 92.1 92.9 93.3 94.2 94.3 92.1 93.0 93.3 87.5 88.1 94.5 61.9 85.4 89.5 93.3 93.5 74.7 94.9 95.6 95 . B 26.3 96.4 H 5 . 9 94.6 94.8 97.6 98.3 98.7 99.5 98.7 F1 . 2 9C+ 2 96.1 96.9 97.9 96 . F P4 . . 99.4 -1.2 88.2 90.4 96.6 98.5 95.1 96.4 97.6 99.0 81.3 яч.<u>і</u> вя.: 96.5 93.5 95.3 96.8 97.6 97.8 99.6 100.0 95.1 98.7 99.0

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

firton of CECORD: 19-86 MONTH: DEC HOUPS(EST): Jayon-Dady CEILING VISIBILITY IN STATUTE MILES GE GE 3 2 1/2 6f 3E 6f 578 172 5716 NO CEIL 1 5.8 17.4 17.9 17.8 19.1 18.1 18.1 19.1 18.5 20.5 20.5 20.5 73.5 GE 200001 18.5 19.5 20.1 20.1 20.1 20.1 20.1 23.1 20.1 20.5 20.5 GE 180001 20.1 20.1 20.1 20.1 20.1 20.1 20.8 23.5 20.5 23.5 23.5 20.1 20.1 20.1 20.1 20.1 20.1 23.5 23.5 5.9 18.5 18.5 19.3 19.3 19.3 GE 140001 5.8 19.3 20.1 23.5 19.5 19.5 20.1 20.1 20.1 21.5 UE 120001 6.2 23.1 2C+8 21.2 21.2 21.3 19.3 20.1 20.8 20.8 20.8 27.8 21.2 21.2 GE 100001 24.3 24.3 24.3 24.3 28.2 GF 90001 6.2 22.0 22.8 23.2 24.3 24.3 29.2 24.3 24.3 24.3 24.₹ 24.7 24.7 24.7 28.2 6 F 10008 25.5 25.3 27.0 28.2 28.2 23., 29.3 29.7 29.3 23.6 29.5 28.5 39.8 29.7 70001 7.3 26.6 27.4 28.2 29.3 29.3 29.3 GΕ 60001 27.8 2 - . 6 30.5 30.5 30.5 30.5 30.5 30.5 11.9 13.9 31.9 50001 8.5 45001 9.3 34.4 35.5 43.7 44.8 \$4.4 \$5.5 46.7 44.4 31 • 7 32 • 8 34.0 35.1 34. J 35. 1 34.0 35.1 34.0 35.1 34.77 35.1 34.4 79.4 GΕ 30.9 32 . B 34.0 34.0 GE 32.0 34.0 35.1 35.1 15.4 6.5 40001 10.8 36.7 37.5 38.6 39.4 43.2 34.8 43.2 39.8 43.6 39.8 44.4 39.8 37.A ₹9.9 44.4 47.7 44.8 43... 44.4 4 . . . 3560 | 11.2 49.8 G.F 32001 12.4 45.9 47.9 51.7 51.7 52.5 53.3 53.3 53.7 2500| 12.4 2000| 12.4 49.8 54.8 56.4 57.1 64.5 59.1 68.3 59.8 69.1 60.6 69.9 72.2 6 ° • 6 6 ° • 7 7 ? • ? 61.0 77.3 77.6 61.0 10.1 10.5 60.6 69.9 61.3 61.3 73.3 69.9 7. 6 E 19001 12.7 61.4 66.0 69.5 69.9 71.0 12.2 72... 72.5 57.5 1500 | 12.7 1260 | 13.1 65.4 68.3 71.3 73.4 77.2 74.9 78.8 78 - 6 83 - 0 79.8 81.4 18.4 Rt.4 79.2 17.7 υE 73.1 79. 2 1000 | 13.1 900 | 13.1 800 | 13.1 78.4 78.4 60.3 72.6 72.5 74.5 78.8 78.8 HG.7 8°.3 85.3 85.3 88.4 86.1 85.1 89.2 A6 • 1 A5 • 1 A • • ∴ 67.5 GE. 63.6 96.5 85.6 44.9 41.1 87.1 7.5 -1. 67.5 61.8 61.5 87.6 93.5 738 | 13.1 668 | 13.1 75.3 75.3 90.3 41.5 91.7 90.1 21.1 *60 | 13.1 62.2 61.7 15.3 91. ..1.9 44 - 2 9.1. 1 91.1 91. . 22.1 . 3 . 1 23.4 37.4 41.4 4 and 13.1 69.9 75.3 75.3 81.5 9.06 84.9 91.1 . 1 . 6 * 6 . 5 • 6 . 5 62.2 91.9 23.1 44.5 35.4 35.4 99.4 ** 3 14. G.F. 2004 13.1 62.7 75.3 A 1 . ' 84.9 14.2 98.1 4.16 21.1 11.0 44.00 15.1 24. . 2 1004 15-1 63.9 91.3 6.6 61 13-1 61.4 15.5 ٠1. -4.9 71.1 ... 11.9 23. i 40.0 45.4 ar.t 46.4 1 ... ······

GLORAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PEDIOD OF RECORD: 78-86 MONTH: DEC HOURSILS STATION NUMBER: 743703 STATION NAME: FT DRUM YY HOURS(LST): 0900-1100 VISIRILITY IN STATUTE MILES
GE GE GE GE GE
Z 1 1/2 1 1/4 1 7/4 CEILING 6 5 4 6E 6E 6E 6E IN | GE FEET | ID GΕ 5/8 1/2 5/16 18.6 NO CETE 1 6.0 18.4 19.6 18.6 18.5 18.6 18.6 18.6 19.6 19.0 19.0 19.0 19.0 19.0 19.6 6.0 6.0 21.9 21.9 21.9 22.1 22.1 22.1 GE 180001 21.3 21, 3 21.5 21.5 21.5 21.7 21.7 21.9 21.9 21.9 21.9 21.9 21.3 21.3 71.0 21.5 GE 160001 21.3 21.3 21.3 21.3 21.5 21.5 21.7 21.7 21.9 21.9 21.9 21.5 143001 21.7 21.9 22.1 22.1 22.1 22.1 22.1 GE lamoni 25.3 25.9 26.0 26.3 26.2 26.2 26.2 26.4 25.6 6.1 26.3 26.6 26.6 26.6 26.6 9700| 8700| 6.3 25.9 25.4 32.3 26.6 30.2 26 · 8 30 · 4 26.8 30.4 26.8 30.4 26.9 70.6 27.1 50.7 27.1 30.7 27.1 27.1 33.7 27.1 30.7 27.3 26.5 26+6 30+2 32.0 33.6 52.4 34.0 75001 31.3 51.5 32.0 32.4 32.4 32.5 32.7 32.7 32.7 32.7 32.7 \$2.9 34.0 67001 33.6 5" 40 1 37.1 37.7 37.3 7 - 6 15.4 35 . 3 36.5 36.9 36.9 36.9 37.3 37.3 37.3 17.4 16.5 36.5 38.3 42.5 45.2 39.3 42.5 38.7 42.9 41.6 39.7 18.9 45001 45001 Р.П 9.4 16.9 40.3 37.4 18.0 38.0 42.1 38. D 38.3 38.5 42.7 38.7 42.9 38.7 42.9 38 • 7 42 • 9 42.1 65 E 35001 10.7 43.9 45.4 45.6 45.6 42.9 44.5 44.8 45.6 55.9 94.1 55.5 55.5 55.5 55.4 15.9 55.9 55.9 96 - 1 25401 15.7 25001 12.5 57.A 55.5 61.3 59.1 66.2 61.3 61.7 61.7 69.8 62.3 70.5 62.2 10.1 62.2 70.7 62.4 62.4 70.9 52.4 17.9 62.6 71.1 i, f 61.5

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERYUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT DRUM NY

PEPICO OF PECORD: 73-86 HONTH: DEC HOURS(LST): 1208-1400 NG VISIBILITY IN STATUTE MILES CE II ING GE GE GE 4 3 2 1/2 IN I GE FEET I LO 5 L SE 1/4 GE GE GE 2 1 1/2 1 1/4 GE G F 5 /8 5) 5/16 6 1/2 20.7 20.7 20.1 20.7 20.7 20.1 29.7 20.1 20.7 20.1 NO CEIL | 8.2 19.9 23.3 20.3 29.7 26. 7 25.1 25.7 25.1 25.1 25.1 25.9 25.7 25.7 25.7 25.7 GF 200001 9.2 24.7 25.3 25.7 25.7 25.7 25.7 25.3 25.1 25.7 25.7 25.9 24.7 25.3 25.7 25.7 25.7 25.7 25.7 25.7 25.1 GE 189001 25.3 25.7 25.9 25.7 25.9 GE 160001 GE 140001 9.2 24.7 24.9 25.3 25.5 25.3 25.5 25 • 7 25 • 7 25 • 7 25 • 9 25.7 25.9 25.7 25.7 25.9 75.7 75.4 25.7 25.9 25.7 26.9 6E 120001 25.9 25.5 25.5 26.7 26.9 26.9 26.9 26.9 26.0 25.9 26.9 25.9 26.9 26.4 10000| 9.6 9000| 9.6 8000| 10.0 28.5 29.5 32.7 28.5 29.5 32.7 28.5 29.5 32.7 28.5 29.5 32.7 37.7 37.1 28.5 29.5 32.7 100001 29 · 1 29 · 1 28 · 1 29 · 1 28.5 29.5 29.1 28.5 29.5 28.5 29.5 24.5 29.5 28.5 29.5 28 - 3 G.E. (2.7 (5.1 32.7 35.1 32.7 35.1 31.5 32.3 32 . 3 32 - 7 32.7 32.7 35.1 35.1 35.1 35.1 6 E 70001 10.8 34.7 34 . 7 35.1 35.1 35.1 35.1 36.9 16.9 78.3 35.6 45.0 38.0 38.6 38.6 38.8 19.3 30.4 45.0 78.0 18.8 45.0 39.0 39.8 50001 11.6 38 • D 35 • 6 18 . C 38.0 48.8 38.D 39.8 37.5 38.0 38.0 38.5 37.5 38.U 38.B 6 E 36.5 45.0 40001 14.5 42.4 44.2 44.2 44.8 44.8 4 u . B 45.0 45.0 45.0 45.0 45.0 3500| 14.5 3000| 15.7 45.4 53.2 47.4 57.3 47.4 58.2 48.0 48.D 59.2 48.0 59.6 48.4 60.2 48.4 48.4 48.4 60.2 48.4 60.2 48.4 48.4 40.4 48.4 60.2 65.1 65.9 6 E 25001 16.7 57.4 61.8 63.1 64.1 64.7 65.9 55.9 65.4 74.1 2000 | 16.9 1500 | 17.1 62.5 67.3 69.7 72.5 73.5 74.1 74.1 74.7 74 • 1 74 • 7 74.1 74.7 74.1 74.7 74 - 1 74 - 7 GE 70.9 71.9 72.3 73.9 73.4 71.3 74.5 74.5 GF 79.3 80.1 80.1 80.1 6 E 1500 | 17.3 1200 | 17.3 65.5 73.9 75.1 16.9 18.9 83.1 77.1 80.3 81.7 82.1 82.1 82.3 82.3 82.5 82.5 S.F. 19001 17.3 67.3 73.7 76 . 3 78.3 80. 9 82.9 84.5 84.9 94.9 85.1 95.1 85.3 85.3 85.3 55.3 85.7 6 E 9001 17.3 8001 17.3 67.5 73.9 74.1 76.5 77.3 78.5 41.3 83.3 84.9 86.7 85.3 87.1 85.3 87.6 85.5 88.0 65.5 88.0 85.7 85.7 85.7 6A.3 82.9 84.9 88.6 88.6 88.6 90.2 80.3 86.5 90.2 75.1 78.1 84.1 44.2 89.6 89.6 90.2 G F 7001 17.3 68.3 88.2 88.6 93.2 90.0 n4.3 86.7 88.4 81.1 93.6 5001 17.3 87.5 92.2 93.6 93.6 93.6 81.7 85.4 90. B 91.2 93.0 400 | 17.3 300 | 17.3 68.5 68.5 75.3 75.3 78.5 78.5 82.1 82.3 85.5 85.7 87.8 85.0 91.2 91.6 92.0 92.8 93.4 94.0 94.8 96.4 95.0 96.8 91.9 94.8 95.0 94.5 96.4 (, f 2001 17.3 68.5 75 - 3 78.5 62.3 95. 7 BA.O 91.6 92.0 93.6 95.6 96.0 97.6 98.3 98.2 98.8 1001 17.3 95.6 97.6 98.4 99.8 ъΓ 68.5 75.3 78.5 82.3 85. 7 88.0 91.6 92.0 93.6 96.0 98.J 01 17.2 75.3 91.6 95.6 98.0 68.5 82.3 84.0 93.6 96.0 97.6 70.5 45.7 92.0 100.0 ı, ₽

TOTAL NUMBER OF UNSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEHTUS VISIBILITY FROM HOUSLY OBSERVATIONS

PERIOD OF RECORD: 78-86 STATION NUMBER: 743780 STATION NAME: FT BRUM NY MONTH: OFC HOURS(LST): 1500-1700 CEILING | GE SE GE GE VISIRILITY IN STATUTE MILES GE GE GE GE 2 1 1/2 1 1/4 1 SE SE . ΞE FEET | GE 1/4 n 3/4 5/8 1/2 5/16 19.7 18.9 18.9 18.9 NO CELL 1 9.0 18.6 18.6 18.6 18.6 18.9 18.9 18.9 18.9 18.9 18.9 25.0 25.0 25.0 25.0 25.0 25.7 GE 200001 10.3 24.7 24.7 24.7 24.7 25.0 GE 18000 | 10.3 GE 16000 | 10.3 24.7 24.7 25.0 25.0 25.0 25.0 24.7 24 . 7 24 - 7 24 . 7 24.7 25.0 25.0 24.1 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.7 SE 147001 10.3 24.7 24.7 24.7 25.0 GE 120001 10.3 25.6 29.2 29.2 GE 10000| 11.2 90001 11.2 80001 11.9 29.8 34.0 29.9 34.6 29.8 34.6 30.1 34.9 39.1 34.9 30 · 1 34 · 9 30.1 34.9 30.1 34.9 30 • 1 34 • 9 30.1 34.9 30 - 1 34 - 9 30.1 34.9 30 - 1 54 - 9 29.8 37.1 34.9 34 - 6 G F 70001 12.5 36.5 37.2 37.2 37.2 37.5 37.5 37.5 37.5 37.5 17.5 37.5 37.5 37.5 37.5 37.5 39.8 ьE 60001 13.8 37.8 38 . 5 38.5 38.5 38.8 38.8 36.8 38.8 38.8 19.R 38 . 8 38 . A 38.8 36.8 50001 15.1 40.4 41.0 41.0 41.3 41.3 41.3 41.3 41.3 41.3 41.5 41.3 41.3 41.3 41.3 41.3 υE 45001 15.4 42.0 41.0 41.7 41.7 42.0 42.0 42.0 42.0 42.0 42.0 42.0 42.J 42.0 42.0 41 - 7 GE GE 40001 17.0 35001 19.3 46.5 47.8 51.0 47.9 51.3 48.1 51.3 48.1 51.3 48 · 1 51 · 3 48.1 51.3 48.1 51.3 48.1 51.3 48.1 51.3 47.8 49.1 48 - 1 48.1 46.1 51.0 51.3 63.5 UE 30001 18.6 60.6 63.5 63.5 63.5 63.5 63.5 6 E 25001 19.6 20001 19.6 63.5 65.0 66 • 0 66.7 67.0 67.0 71.8 67.0 71.8 67.0 67.0 71.8 67.0 71.8 67.0 67.0 67.0 71.8 67.0 71.8 67.0 6 E 70.5 71.5 71.8 73.4 73.7 81.1 73.7 81.4 73.7 81.4 73.7 91.4 73.7 81.4 1800 | 19.9 68.3 69.9 71 • > 74 • 4 71 · 8 75 · 3 73.1 78.5 73.4 79.2 73.4 79.5 73.7 13.7 GΕ 81.4 80.4 12001 20.2 17.6 80.8 82.7 82.7 82.7 98.1 99.1 88.1 89.1 10001 20.2 93.3 83.3 84.5 87.8 88.8 88.1 89.1 88.1 89.1 89.1 89.1 GE. 72.8 72.8 17.6 79 • 5 79 • 5 86.2 87.2 86.5 88.1 99.1 82.4 8001 20.2 90.4 90.7 90.7 91.0 91.0 91.0 73.4 81.1 84.0 84.9 86.5 88.8 89.1 υE 79.5 91.0 92.0 91.7 91.7 7001 20.2 45.6 86.2 89.4 89.7 90.7 Ŀ.E 81.7 88.1 88.5 88.5 92.9 94.6 95.5 5001 20.2 93.3 95.5 1. F 81 - 7 82 - 1 84.9 86.5 90.4 91.0 H6.9 91.3 94.6 95.2 95.2 96.2 4001 20.2 85.3 92.0 93.6 95.2 96.2 1001 20.2 79.5 85.3 96.5 ι, μ 74.0 92 - 1 92.0 93.9 2001 20.2 96.8 97.4 97.8 92.0 92.0 96.8 97.4 98.4 98.4 99.4 74.0 79.5 82.4 94.9 79.8 ŋĘ. 91 29.2 74.0 79.8 82.4 B7.2 92.0 92.9 95.2 97.4 97.4 99.7 99.4 99.4 190.0 88.8

TOTAL NUMBER OF OBSERVATIONS: 512

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-86 STATION NUMBER: 743700 STATION NAME: FT DRUM MY MONTH: DEC HOURS(LST): CETCING ic SE IN | GE GE SE GE GE GE FEET | 10 6 5 4 3 2 1/2 űξ GE SE SE G.F. 3/4 , /8 5/16 1/2 1/4 NO CETE 1 7.2 19.4 18.8 19.0 19.0 19.2 19.2 19.2 19.2 19.2 19.3 19.4 19.4 19.4 19.4 19.4 GE 200001 22.9 22.9 22.9 22.3 23.1 23.2 23.2 23.2 23.2 23.3 23.4 23.4 23.5 22.4 23.2 23.4 23.4 23.4 23.4 23.4 180001 7.7 22.4 23.4 7 • 7 7 • 7 22.4 22.9 23.0 22.9 23.0 23.1 23. 2 23. 3 23.2 23.2 23.2 23.3 23.4 23.4 23.4 23.4 23.5 65 160001 140001 G E 120001 GE 100001 GE 90001 26.1 26.8 25 · 6 27 · 3 26.8 27.4 27 • 1 27 • 1 27.1 27.8 21.2 27.2 21.2 27.2 27.3 29.0 31.7 27.4 27.4 21.4 26.0 28.0 28.0 GE 80001 8.7 30 - 3 31.3 31.2 31.5 31.5 31.6 31.6 31.6 31.7 11.8 31.9 51.8 11.9 31.8 9 • 2 9 • 9 32.3 53.8 33.2 34.7 G E 70001 33.0 37.1 50001 10.4 36.0 37.5 37.6 37.6 37.8 37.9 17.8 17.9 37.9 37.9 45001 10.8 40001 12.7 38 • 1 43 • 3 38 • 4 4 3 • 7 38.5 43.7 38.6 43.8 38.7 43.9 38.7 38.7 44.0 39.8 44.0 18.9 38.9 ₹8.9 44.1 38.9 44., ٥E 37.D 37 . 7 34.9 41.6 42.9 G.F 3500 | 13.4 47.0 57.8 47.2 47.2 47.3 ι, E 57.3 58. t 58.1 59.2 58.5 GF 25001 15.1 55.8 59.2 61.0 62.2 62.8 63.8 63.8 64.0 63.3 64-7 64.1 6u.1 64.1 64.1 14.0 2000 | 15.2 1860 | 15.4 6).4 61.1 64.6 67.2 68.0 68.9 69.8 69.1 71.5 71.7 72.9 71.8 72.n 73.1 72.0 73.1 72.0 73.2 14.3 70.6 71.3 72.3 71.9 12.0 GE 15001 15.6 76.6 78.4 79.8 19.0 79.1 79.2 79.2 19.2 79.3 4,€ 12001 15.7 64.5 73.3 73.5 76.4 11.7 R 1 . U 1,1 10001 15.7 65.5 71.5 77.9 81.7 82.0 P5.3 P5.7 74.4 19.5 94-0 84.5 85.6 95.7 85.9 **85.**₹ 86.3 9001 15.8 65.7 75.0 84.4 84.9 71.7 78.1 19.6 86.1 A6.5 86.1 86. T 86.4 86.3 8001 15.9 7001 15.9 66.7 66.7 72.9 76.5 77.1 84.2 86.9 4 R . 9 89.5 9.5 (, F 79.3 81.7 87.5 88.6 A4.0 89.6 69.7 80.5 91.0 LE GE A2. 7 SR.R 99.9 20.3 91.: 6001 15.9 66.4 73.3 77.1 43**.** 0 89.3 1. 91.0 91.6 71.6 91.7 ۹1.4 5001 15.9 4001 15.9 41.0 66.3 77.3 81.1 H 3. 3 89.7 90.3 93.2 91.4 i, f 47.0 73.7 11.7 81.4 A4. 9 96.7 90.5 91.2 92.4 >4 . () 95 • 1 95.7 11.4 44.6 300 | 15.9 200 | 15.9 67.0 77.9 90.6 81.7 96.6 48.2 GE GE 71.7 77.9 84.1 86.8 91.5 93.2 14.5 94.8 75 . . 96.5 96.8 98.8 81.7 95.1 75.4 77.1 1001 15.9 96.9 15.6 97.4 91.9 01 15.9 1,5 67.0 71.4 81.7 44.1 90.8 91.6 93.6 11.3 99.9 1 ... 77.8 HA.A 15.6 91.5 97.9

TOTAL NUMBER OF OPSERVATIONS: 1826

GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VIRSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 743700 STATION NAME: FT ORUM YY PIRIOR OF RECORD: 78-87 MONTE: ALL POLRSILSTI: ATTEM LINITES IN STRINTL WILES CEILING GE GE 3 2 1/2 31 3 IN | FEET | GE 4 1/4 40.00 NO CETE 1 17.7 39.4 39.9 40.3 40.4 40.5 40.5 43.5 43.5 40.1 47.6 43.6 40.4 45.6 45.7 45.7 45.7 45.6 4 . . 7 6E 200001 14.7 43.1 44.4 44.9 45.7 45.5 45.5 45.6 45.6 45.7 45.7 45.7 45.7 45.7 45.7 45.7 45.6 45.7 GE 189001 14.7 45.4 45.5 45.6 45.6 45.6 45.7 43.1 44.4 44.9 45.6 6 E 160001 14.7 45.1 44.4 44.9 45.6 45.6 45.6 45.7 45.7 45.1 44.0 46.0 45.1 140001 14.8 45.3 45.7 45.9 45.9 46.3 46.3 43.4 44 . 7 45.8 45 ... 40.1 46.7 120001 14.9 44.0 46.6 40.0 10.0 100001 15.4 49.2 49.7 49.8 49.9 49.9 49.9 50.0 50.0 <1.j 5 . 7 51.0 11.0 41.0 51,3 51.1 1.1 90001 15.7 47.9 47.5 50.2 50.7 50.8 50.9 51.0 51.0 51.0 8000| 16.2 7000| 16.5 54.3 1,4 ,4 44.4 53.4 55.0 54.4 50.8 52.6 54. 55.6 54.1 54.2 55.8 54.3 54.3 54.3 55.9 54.4 56.0 55.0 56.1 ·6.3 56. 1 56.9 56.9 56.9 IJ€ 60001 16.9 53.6 55.3 55.9 56.5 59.4 6.9.5 40.6 59.6 1, 1 50001 17.6 45001 18.0 55.3 57.5 58.4 59.1 59.3 59.5 59.5 56.3 59.5 59.4 60.1 61.3 60.5 60.5 bJ.5 5-1 63.6 63.6 42.7 60.7 9 . 1 60.0 5 1 - 1 6 1 - 1 7 * • 64.2 67.1 73.2 71.3 4000 | 18.6 3500 | 19.3 59.2 61.7 62 • 8 65 • 5 63.8 66.7 64.1 67.0 64.1 67.1 64.1 64.2 64.2 . 4 . 5 61.7 61.6 64-0 72.6 1001 12.9 71.3 12. 12.9 2510) 20.7 2000) 21-1 18601 21.7 77.3 41.8 43.4 11.1 81.5 17.3 77.5 81.4 82.4 77.3 91.8 77.3 69.3 12.v 15.1 74 . 1 78 . 1 16. 19.; 16.5 16.9 11.3 77.3 o f 12.4 75.5 74.5 80.4 -1-1 H1.7 82.1 62.2 A2.3 н .ч a . . . 62.5 H.C. - 5 15001 21.5 12001 21.5 81.5 83.1 44.6 46.5 86.1 88.2 86.1 6.1 79.3 H 7. 4 45.5 45.5 89.9 1 301 .1.7 9001 21.7 9004 21.8 11.0 н7. н7.5 41.7 76.9 77.8 H2 + 2 H2 + 7 84.7 85.4 44.0 91.0 91.1 93.5 +1.4 21.A 91.9 91.9 *1.* ... H9.9 21.6 84.9 +1-1 91.1 66.7 89.1 2 10 x 10 2 1 x 7 ... 4 - 1 - 11 - 1 / H . . 41., 41.4 11.6 95.1 e . 1 .. . , 41.5 . . . 1 36.8 7: H 91. *1.1 * 1.1 * 1.1 4. . . 9, . 4 2, . 9 94.1 94. 8 98. 95.4 11.4 19.1 94. : 14. 1 - . 4171 .1.0 78 . . 74 . 3 41.j H 7 . . 96.1 44 . 4

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC

PERCENTAGE FREQUENCY OF DELBARENCE OF SKY COVER

AIR WEATHER SERVICE/MAG

STATION NUMBER: 743763 STATION NAME: FT DRLM NY PERIOD OF RECORD: 79-87 MONTH: JAN PERCENTAGE FREQUENCY OF JENTHS OF TOTAL SKY COVER HOURS | 10141 u 1 2 3 4 5 6 7 m MENN ORZ Jul-02 | 33-05 1 U6-06 | 21.1 51.2 1.5 n • 3 424 18.9 09-11-1 5.1 20.6 7.1 23.2 50.3 650 12-14 1 5.5 23.4 20.4 50.7 7.5 637 1 c. - 1 7 - ‡ 4 - 1 26.6 41.3 7.5 511 18-20 1 11-23 1 21.9 49.6 7 - 6 22.4 2222

		14-81		FER FER	10NTH;	н							IAII ON NA	7(-)	TION NOMINERS TW
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GLOBAL CLIMATOLULY BRANCOS USAFLTAC AIR WEATHER SERVILL/MAC

PERCENTAGE FREQUENCY OF UCCURRENCE OF SKY COVER FROM HOURLY COSERVATIONS

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UN NUMBER: 74		TIM MANE							O UF RE	COND.			
• • • • • • • • • • • • • •	• • • • • • • • •	· · · · · · · · ·		ERCENTASE	FREGLEN		ENTHS OF	TOTAL SH	Y COVER	· · · · · · · · ·	• • • • • • • •	• • • • • • • •	• • • • •
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₩3-₩5-4													
.6-68 }	14.9			32.5						21.1	45.6	7.1	2 0
⊎9-11 J	٠, ٧			26.0						21.9	42.5	7.3	5 9
12-14	4.5			23.0						29.4	43.1	7.5	59
15-17	3.4			24.4						21.8	44.4	7.7	۷,
16-20 [
21-23 1													
TUTALS ON NUMBER: 74:	7.2 (7.07 - 37A)	ION NAME	: FT D	24.0 RUM NY	• • • • • • •	•••••	• • • • • • •			23.6 	19-81	7.4	
	:700 JTA1			RUM NY				MON	h: APR	ECORU:	19-61	7,4	
ON NUMBER: 74:	JAJ		P1	RUM NY Er Clatage	FREQUEN	CY OF T	ENTHS OF	MON!	h: APR	ECORD:	79-b1		10
ON NUMBER: 74: Hours (UST)	(707 ufA)	1	PI	RUM NY ER CENTAGE	FREGUEN	CY OF T	ENTHS OF	MON!	h: APR	ECORU:	79-b1	••••	10
ON NUMBER: 74:	(707 ufA)	1	PI	RUM NY ER CENTAGE	FREGUEN	CY OF T	ENTHS OF	MON!	h: APR	ECORD:	79-b1		10
ON NUMBER: 74: Hours (LST1	(707 ufA)	1	PI	RUM NY ER CENTAGE	FREGUEN	CY OF T	ENTHS OF	MON!	h: APR	ECORD:	79-b1		10
ON NUMBER: 74: HOURS (UST) 63-02	(707 ufA)	1	PI	RUM NY ER CENTAGE	FREGUEN	CY OF T	ENTHS OF	MON!	h: APR	ECORD:	79-b1		70
ON NUMBER: 74: HOURS CESTI UNEDE USE-75	(700 - JA)	1	PI	RUM NY ER CENTAGE 3	FREQUEN	CY OF T	ENTHS OF	MON!	h: APR	CORU:	79-87 10	MEAN	70 01
ON NUMBER: 74: HOURS CUST1 DO-02 D5-96	12.0	1	PI	RUM NY ER CENTAGE 3	FREQUEN	CY OF T	ENTHS OF	MON!	h: APR	CCORU: } 9	79-87 10	MEAN	70 Oc
0N NUMBER: 74: HOURS (UST) US-02 US-75 U6-76 U9-11	13.0 4.7.0	1	PI	RUM NY ER CENTAGE 3 27.4 21.4	FREQUEN	CY OF T	ENTHS OF	MON!	h: APR	9 16.8 23.3	19-67 10 45-2 45-4	MEAN 6.3 7.5	701 Ob
0N NUMBER: 740 HOURS (1571 09-02 05-95 06-96 09-11 12-14	10.0 4.7	1	PI	21. 4 21. 6 24. 2	FREQUEN	CY OF T	ENTHS OF	MON!	h: APR	16.8 23.3	79-67 10 45-2 45-4 45-2	MEAN 6.3 7.5	70 OE
0N NUMBER: 74: HOURS CUST1 LOT-02 LOT-75 D0-08 CO-11 LOT-14 LOT-17	10.0 4.7	1	PI	21. 4 21. 6 24. 2	FREQUEN	CY OF T	ENTHS OF	MON!	h: APR	16.8 23.3	79-67 10 45-2 45-4 45-2	MEAN 6.3 7.5	707 OE

USUBAL CLIMATOLOUY BRANCH USAFETAC

PERCENTAGE FREGILNCY OF SCCURRENCE OF SKY COVER FROM HOURLY DESCRIPTIONS

PERIOD OF RECORD: 19-86

ATR MEATHER SERVICE/MAC

STATION NUMBER: 743763 STATION NAME: FT DRUM NY MONTH: MAY PERCENTASE FREQUENCY OF TENTHS OF TOTAL SKY COVER TOTAL HOURS | 101AL (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | HEAN | OUS (00-02 | 05-65 06-18 1 9.7 39.9 514 21.6 28.8 69-11 1 5.6 25.6 28.8 40.0 7.4 640 12-14 | 7.3 625 310 15-17 1 30.0 7.4 2.3 31.3 30.5 18-20 1 21-25 1 TOTALS 1

STATION NUMBER:	743707	71 A I I	IN NAME:	FT D	RUM NY					U OF RE	CORD:	79-86			
HOURS	1		1	2	3	4	CY OF 5	TENTHS OF	TOTAL SK 7	8.	9	10	MEAN	TOTAL OB\$,)
GB-02				••••	• • • • • • • •		•••••			•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • • •	.)
i. 1 - (. 5	F														
1 5 = 0 e	1 :	٤. د			28.7						26.8	30.2	6.9	530	
$G^{\prime\prime}=1.1$	t :	3 -4			52. 9						33.2	30.6	7.3	648	
1 " - 14	1	/			53. 1						36.0	24.2	7.2	647	
15-17	1 :	1.0			54.5						35.4	28.9	7.1	564	
1 9 - 2 0	1														
24-25	i.														
TOTALS	j	i . t			52.3						32.9	31.2	7.1	220.9	

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR HLATHER SERVICEZMAC

PERCENTAGE FREQUENCY OF JCCURRENCE OF SKY COVER FROM MOURLY OBSERVATIONS

PERIOD OF PECORD: 79-86
MONTH: JUL

PERCENTAGE FREQUENCY OF JENTHS OF TOTAL SKY COVER

				PL	A CC T I NO L	. The GOL		.41113 01	TOTAL 3					
	HOURS (LST)	,	1	2	3	4	5	6	7	н	9	10	MEAN	TOTAL OBS
• •	00-02	• • • • • • • •				******	• • • • • • • •		• • • • • • • •	•••••	• • • • • • •		••••••	
	33-65 1													
	116-08	7.4			35.4						30.4	26.5	6.5	542
	J9-11	ز. د			36.8						12.5	25.7	6.7	668
	12-14 (۰,6			39.9						36 • 1	23.2	6.3	664
	15-17	1 • i			43.5						33.6	21.8	6.5	363
	18-20													
	21-23													
	TOTALS	5.1			39.4						33-2	24.4	6.5	2237
				,										

4110H	NUMBER:	743707	STATI	ON NAME:	ΓĪ	ORUM NY				PER10U MONTH	OF RE	:090	19-86		
• • • • •	1 OURS (151)		i.	1	2	PEHLENTAGE	4	5	LENTHS OF	7		9	10	MEAN	TOTAL OBS
• • • • •	20-02	1	• • • • • •		• • • •	• • • • • • • • • • • •	•••••	* * * * * * *		• • • • • • • • •	•••••		• • • • • • • •		• • • • • • • •
	. 3-65	1													
	i. 6, = .1 9	í				57. 6						23.0	33.7	6.5	513
	. 9=11	ı	S'			\$6. J						32.9	21.9	6.3	630
	1.1-14	1	- A			52.7						41.7	24.8	7 . 2	626
	11.17	i .	• • •			52. b						18.5	26.4	7 - 1	322
	1	ı													
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	f . fAi	i				44.9						34.0	20.2	L. 7	2091

GLUBAL CLIMATULUCY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF DECURRENCE OF SKY COVER

STATION NUMBER: 743703 STATION NAME: FT DRUM VY PERIOD OF RECORD: 78-86 MONTH: SEP ******************************* PERSENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER TOTAL 1 2 3 4 5 6 7 8 9 10 MEAN 085 ì Je-63 1 13-65 1 1.6-03 5.3 33.4 26.1 34.6 J9~11 i 4 ... 31.9 51.8 32.1 7.j 551 12-14 1 1.1 32.8 56 - 1 24.4 1.2 551 15-17 1 .9 \$2.7 217 18~26 | 21-23 1 TUTALS I 32. 7 32.3 1.1 1750 STATION NUMBER: 7437LC STATION NAME: FT DRUM NY STATION NUMBER: 1437UC STATION NAME: FT DRUM NY PERIOD OF RECORD: 74-46
HONTH: UCT

PERCENTAGE FREQUENCY OF TENTHS OF ISTAL SHY COVEN HOURS I 2 3 4 5 5 0.54) [9 11 MEAN 203 96-02 L 10-15-1 16 - . s | 31.6 16.1 41.0 16-11-1 · . . 20.0 21.1 584 12-14-1 5.4 21.5 11.: 1..1 1.4 . . 7 14-11-1 6' 15-24 1 21 27 1 Tatals I Transfer teachers (1.3) The contract of

DEPENDAL CERMATREDIT ENAMER USAFETAC.
Alonge Attraction of the Vision of

PERCENTAGE FREQUENCY OF JCCURRENCE OF SKY COVER

STATION NOMICE: THIS TO STATION NAME: FT DRUM NY PEPIOD OF HESORO: THIS GENERAL SHORTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SHY COVER 16.4 60.7 4 . . 26.6 5., 4-11 1.5 24.3 . 4 . ~ 19.1 1 - 1 - 1 . . . 31.8 64.7 ٠., 4 -15.0 11-11 4 . -.'∪. ¥ 41.4 1... . 3 - 1 - 1 - 1 - 1 - 1 - 1 16.4 TATE SCHOOLS, Seed. Totalon Names of UMS Might Property P TATE WARREST AND TATEON NAMES OF DESIGNAT PERFECTAGE FRENCH OF TENTHS OF TOTAL THY COVER 11 11 1 2 2 3 4 5 4 7 # 4 1 ***A** 1.11. × 25 5 11.3 11.. t.1 ...5 -11.0 -.1 . 4 . 5 14.4 552 2006 22. tou . + n. > 5.1 . . . 31. 34.7 ٠. ٥ 1624 (1, €

tional filmstigles have elected as a large sale. Also as a total community of the sale of

P. H.CENTAUE FRELICENCY OF SCCUMPENCE OF SKY COVER FROM HOUSELY COSTRYATIONS

Filal Final Housely daservalions

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	TOTALS 1	9.4			26.7						1.4			

